

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1009702

Luminaire Tested: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1009702  
REPORT IS A COMBINATION OF REPORTS P987888 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4  
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}  
{m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

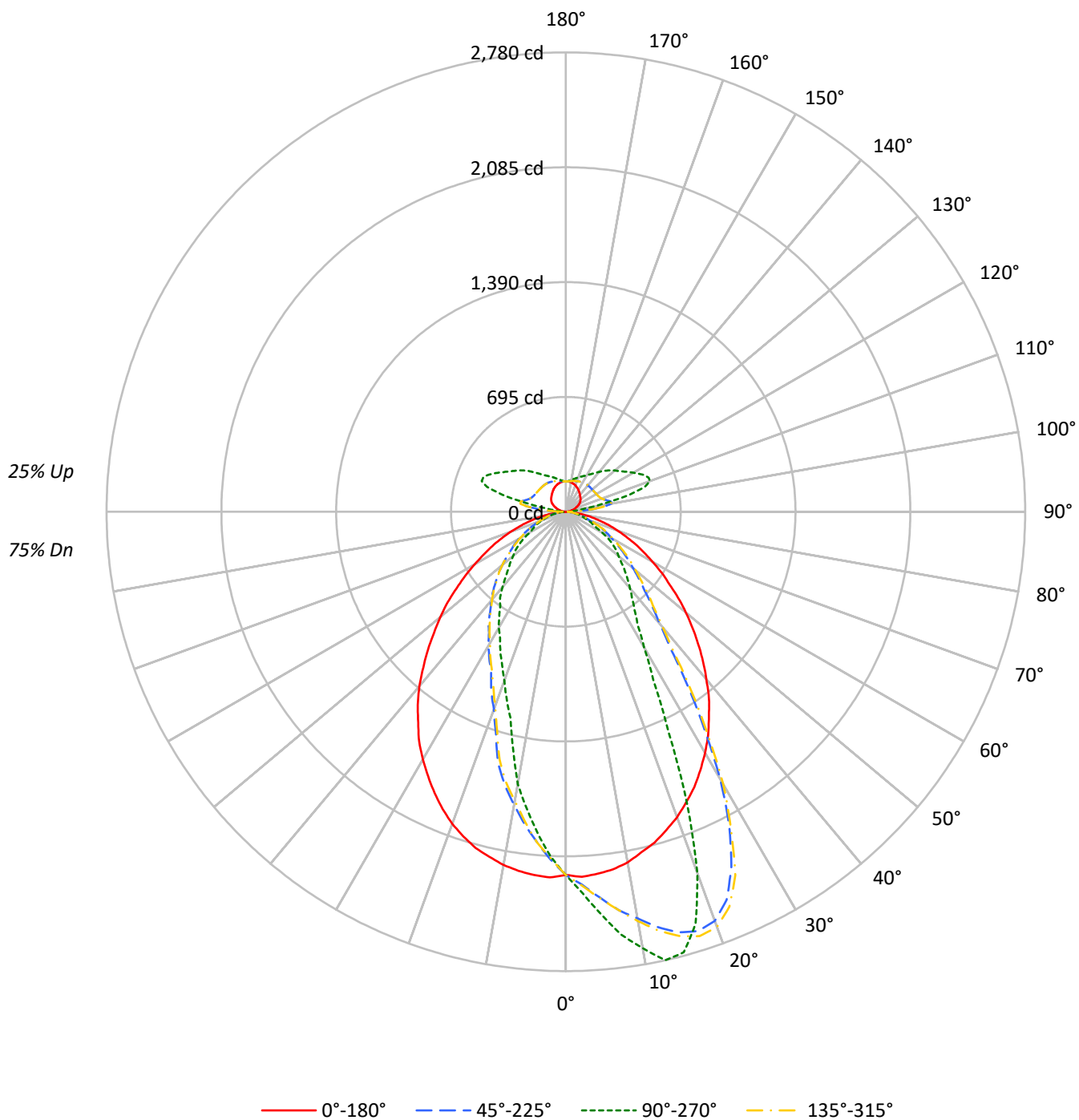
Lumens per Lamp: N/A  
Luminaire Lumens: 5079.0 lumens  
Efficiency: N/A  
Efficacy: 71.9 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 70.6  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot





TEST NUMBER: P1009702

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### COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|--|--|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    |   |  |  |  |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |    |    |    | 0 |  |  |  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |  |  |  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |
| 0   | 113 | 113 | 113 | 113 | 107 | 107 | 107 | 107 | 97 | 97 | 97 | 88 | 88 | 88 | 79 | 79 | 79 | 75 |    |    |   |  |  |  |
| 1   | 104 | 100 | 97  | 94  | 99  | 96  | 93  | 90  | 87 | 85 | 82 | 79 | 77 | 75 | 72 | 70 | 69 | 65 |    |    |   |  |  |  |
| 2   | 96  | 89  | 83  | 79  | 91  | 85  | 80  | 76  | 78 | 74 | 70 | 71 | 68 | 65 | 65 | 62 | 60 | 57 |    |    |   |  |  |  |
| 3   | 89  | 80  | 73  | 67  | 84  | 76  | 70  | 65  | 70 | 65 | 61 | 64 | 60 | 57 | 58 | 55 | 53 | 50 |    |    |   |  |  |  |
| 4   | 82  | 72  | 64  | 58  | 78  | 69  | 62  | 56  | 63 | 57 | 53 | 58 | 53 | 50 | 53 | 49 | 47 | 44 |    |    |   |  |  |  |
| 5   | 76  | 65  | 57  | 51  | 72  | 62  | 55  | 50  | 57 | 51 | 47 | 53 | 48 | 44 | 49 | 45 | 42 | 39 |    |    |   |  |  |  |
| 6   | 70  | 59  | 51  | 45  | 67  | 57  | 49  | 44  | 52 | 46 | 42 | 48 | 43 | 40 | 45 | 41 | 37 | 35 |    |    |   |  |  |  |
| 7   | 66  | 54  | 46  | 41  | 63  | 52  | 45  | 40  | 48 | 42 | 38 | 45 | 39 | 36 | 41 | 37 | 34 | 32 |    |    |   |  |  |  |
| 8   | 61  | 49  | 42  | 37  | 59  | 48  | 41  | 36  | 44 | 38 | 34 | 41 | 36 | 32 | 38 | 34 | 31 | 29 |    |    |   |  |  |  |
| 9   | 58  | 46  | 38  | 33  | 55  | 44  | 37  | 33  | 41 | 35 | 31 | 38 | 33 | 30 | 36 | 31 | 28 | 26 |    |    |   |  |  |  |
| 10  | 54  | 42  | 35  | 30  | 52  | 41  | 34  | 30  | 38 | 32 | 29 | 36 | 31 | 27 | 33 | 29 | 26 | 24 |    |    |   |  |  |  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 34790 | 34790 | 34790 | 34790 |
| 5°  | 34870 | 36952 | 34991 | 29520 |
| 10° | 34486 | 39056 | 34731 | 24377 |
| 15° | 33737 | 39069 | 34309 | 18313 |
| 20° | 32837 | 32295 | 33552 | 15109 |
| 25° | 31746 | 20180 | 32433 | 12854 |
| 30° | 30353 | 12920 | 31178 | 11065 |
| 35° | 28658 | 9930  | 29585 | 9470  |
| 40° | 26768 | 8347  | 27912 | 8283  |
| 45° | 24749 | 7104  | 25784 | 6953  |
| 50° | 22680 | 6036  | 23739 | 6014  |
| 55° | 20390 | 5245  | 21487 | 5177  |
| 60° | 18352 | 4000  | 19326 | 3952  |
| 65° | 16452 | 3009  | 17430 | 3415  |
| 70° | 14352 | 2404  | 15478 | 2783  |
| 75° | 12133 | 1841  | 13241 | 2105  |
| 80° | 9636  | 1253  | 10363 | 1381  |
| 85° | 6681  | 647   | 7331  | 682   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle:  $165^\circ$

Vertical Angle:  $45^\circ$

Luminance: 31825 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 208.5  | 4.1       |
| 10°-20°   | 581.9  | 11.5      |
| 20°-30°   | 748.9  | 14.7      |
| 30°-40°   | 710.4  | 14.0      |
| 40°-50°   | 608.9  | 12.0      |
| 50°-60°   | 463.7  | 9.1       |
| 60°-70°   | 292.4  | 5.8       |
| 70°-80°   | 145.9  | 2.9       |
| 80°-90°   | 38.7   | 0.8       |
| 90°-100°  | 71.6   | 1.4       |
| 100°-110° | 252.3  | 5.0       |
| 110°-120° | 265.0  | 5.2       |
| 120°-130° | 218.0  | 4.3       |
| 130°-140° | 175.1  | 3.4       |
| 140°-150° | 132.3  | 2.6       |
| 150°-160° | 93.0   | 1.8       |
| 160°-170° | 54.7   | 1.1       |
| 170°-180° | 17.8   | 0.4       |
| 0°-30°    | 1539.2 | 30.3      |
| 0°-40°    | 2249.6 | 44.3      |
| 0°-60°    | 3322.2 | 65.4      |
| 0°-90°    | 3799.2 | 74.8      |
| 90°-120°  | 588.9  | 11.6      |
| 90°-150°  | 1114.3 | 21.9      |
| 90°-180°  | 1280.0 | 25.2      |
| 0°-180°   | 5079.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 2198 | 2198 | 2198 | 2198 | 2198 |      |
| 5°   | 2199 | 2445 | 2207 | 1953 | 2199 | 209  |
| 15°  | 2072 | 2760 | 2108 | 1294 | 2072 | 583  |
| 25°  | 1839 | 1472 | 1879 | 938  | 1839 | 844  |
| 35°  | 1509 | 726  | 1558 | 692  | 1509 | 944  |
| 45°  | 1133 | 504  | 1181 | 493  | 1133 | 875  |
| 55°  | 765  | 350  | 806  | 345  | 765  | 690  |
| 65°  | 463  | 182  | 490  | 206  | 463  | 459  |
| 75°  | 217  | 96   | 237  | 110  | 217  | 235  |
| 85°  | 47   | 28   | 52   | 29   | 47   | 54   |
| 90°  | 0    | 12   | 0    | 12   | 0    | 4    |
| 95°  | 12   | 40   | 12   | 40   | 12   | 13   |
| 105° | 43   | 398  | 43   | 398  | 43   | 46   |
| 115° | 76   | 524  | 76   | 524  | 76   | 75   |
| 125° | 106  | 425  | 106  | 425  | 106  | 94   |
| 135° | 124  | 352  | 124  | 352  | 124  | 96   |
| 145° | 142  | 281  | 142  | 281  | 142  | 89   |
| 155° | 162  | 236  | 162  | 236  | 162  | 74   |
| 165° | 176  | 208  | 176  | 208  | 176  | 50   |
| 175° | 183  | 187  | 183  | 187  | 183  | 17   |
| 180° | 184  | 184  | 184  | 184  | 184  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°   | 2211.5 | 2220.7 | 2225.2 | 2231.4 | 2245.1 | 2254.3 | 2268.0 | 2271.1 | 2269.5 | 2275.7 | 2258.9 |
| 5°     | 2199.3 | 2219.1 | 2237.5 | 2252.7 | 2277.2 | 2292.5 | 2309.3 | 2329.1 | 2333.7 | 2356.6 | 2342.9 |
| 7.5°   | 2182.5 | 2211.5 | 2237.5 | 2268.0 | 2304.7 | 2324.5 | 2350.5 | 2381.0 | 2394.8 | 2422.3 | 2429.9 |
| 10°    | 2155.0 | 2196.2 | 2240.5 | 2272.6 | 2323.0 | 2358.1 | 2382.6 | 2431.4 | 2463.5 | 2504.7 | 2498.6 |
| 12.5°  | 2110.7 | 2164.2 | 2223.7 | 2277.2 | 2342.9 | 2365.8 | 2411.6 | 2462.0 | 2503.2 | 2541.4 | 2575.0 |
| 15°    | 2072.5 | 2133.6 | 2199.3 | 2265.0 | 2339.8 | 2382.6 | 2428.4 | 2494.1 | 2538.3 | 2605.5 | 2634.6 |
| 17.5°  | 2020.6 | 2098.5 | 2176.4 | 2249.7 | 2338.3 | 2387.1 | 2443.7 | 2507.8 | 2573.5 | 2637.6 | 2660.5 |
| 20°    | 1967.1 | 2051.1 | 2135.1 | 2234.4 | 2335.2 | 2382.6 | 2440.6 | 2520.0 | 2584.2 | 2634.6 | 2634.6 |
| 22.5°  | 1903.0 | 2005.3 | 2101.5 | 2196.2 | 2306.2 | 2374.9 | 2434.5 | 2527.7 | 2573.5 | 2584.2 | 2542.9 |
| 25°    | 1838.8 | 1941.2 | 2046.6 | 2164.2 | 2289.4 | 2350.5 | 2417.7 | 2504.7 | 2520.0 | 2477.3 | 2370.3 |
| 27.5°  | 1762.5 | 1877.0 | 1996.2 | 2122.9 | 2254.3 | 2330.6 | 2391.7 | 2449.8 | 2420.7 | 2306.2 | 2139.7 |
| 30°    | 1684.6 | 1808.3 | 1942.7 | 2063.4 | 2222.2 | 2292.5 | 2344.4 | 2361.2 | 2269.5 | 2083.2 | 1867.9 |
| 32.5°  | 1603.6 | 1724.3 | 1866.3 | 2011.4 | 2171.8 | 2239.0 | 2272.6 | 2228.3 | 2060.3 | 1825.1 | 1562.4 |
| 35°    | 1509.0 | 1644.9 | 1793.0 | 1944.2 | 2103.1 | 2153.5 | 2173.3 | 2064.9 | 1849.5 | 1545.6 | 1284.4 |
| 37.5°  | 1423.4 | 1559.4 | 1718.2 | 1872.4 | 2026.7 | 2054.2 | 2034.3 | 1864.8 | 1591.4 | 1290.6 | 1035.5 |
| 40°    | 1322.6 | 1467.7 | 1623.5 | 1796.1 | 1922.8 | 1930.5 | 1881.6 | 1661.7 | 1322.6 | 1040.1 | 882.8  |
| 42.5°  | 1229.5 | 1376.1 | 1531.9 | 1707.5 | 1803.7 | 1777.8 | 1712.1 | 1423.4 | 1104.2 | 896.5  | 769.8  |
| 45°    | 1133.2 | 1272.2 | 1440.2 | 1596.0 | 1664.7 | 1603.6 | 1504.4 | 1197.4 | 927.1  | 771.3  | 673.5  |
| 47.5°  | 1040.1 | 1169.9 | 1336.4 | 1486.0 | 1498.3 | 1429.5 | 1311.9 | 1003.4 | 803.4  | 678.1  | 598.7  |
| 50°    | 948.4  | 1078.3 | 1234.0 | 1357.8 | 1345.5 | 1250.8 | 1118.0 | 872.1  | 698.0  | 598.7  | 533.0  |
| 52.5°  | 856.8  | 974.4  | 1125.6 | 1223.4 | 1171.4 | 1079.8 | 948.4  | 739.2  | 609.4  | 522.3  | 471.9  |
| 55°    | 765.2  | 875.1  | 1005.0 | 1085.9 | 1003.4 | 898.0  | 804.9  | 633.8  | 528.4  | 458.2  | 420.0  |
| 57.5°  | 688.8  | 775.9  | 895.0  | 943.9  | 844.6  | 762.1  | 681.2  | 545.2  | 458.2  | 407.8  | 363.5  |
| 60°    | 604.8  | 684.2  | 782.0  | 811.0  | 708.7  | 641.5  | 572.7  | 461.2  | 392.5  | 348.2  | 319.2  |
| 62.5°  | 533.0  | 598.7  | 673.5  | 673.5  | 583.4  | 533.0  | 481.1  | 386.4  | 329.9  | 294.8  | 281.0  |
| 65°    | 462.8  | 510.1  | 563.6  | 557.5  | 481.1  | 436.8  | 395.6  | 319.2  | 276.4  | 252.0  | 238.3  |
| 67.5°  | 394.0  | 430.7  | 465.8  | 444.4  | 389.5  | 351.3  | 313.1  | 258.1  | 229.1  | 212.3  | 194.0  |
| 70°    | 331.4  | 360.4  | 378.8  | 358.9  | 303.9  | 271.9  | 244.4  | 207.7  | 184.8  | 163.4  | 152.7  |
| 72.5°  | 278.0  | 290.2  | 296.3  | 271.9  | 226.0  | 207.7  | 187.9  | 161.9  | 142.0  | 131.3  | 128.3  |
| 75°    | 216.9  | 227.6  | 223.0  | 204.7  | 166.5  | 152.7  | 137.5  | 119.1  | 114.5  | 108.4  | 105.4  |
| 77.5°  | 169.5  | 169.5  | 161.9  | 145.1  | 119.1  | 108.4  | 102.3  | 93.2   | 88.6   | 87.1   | 84.0   |
| 80°    | 120.7  | 119.1  | 114.5  | 96.2   | 80.9   | 74.8   | 74.8   | 68.7   | 67.2   | 64.1   | 64.1   |
| 82.5°  | 79.4   | 79.4   | 73.3   | 58.0   | 53.5   | 51.9   | 50.4   | 47.3   | 47.3   | 45.8   | 45.8   |
| 85°    | 47.3   | 44.3   | 36.7   | 32.1   | 30.5   | 30.5   | 29.0   | 27.5   | 29.0   | 27.5   | 27.5   |
| 87.5°  | 21.4   | 16.8   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   |
| 90°    | 0.4    | 1.4    | 2.8    | 3.5    | 4.2    | 4.8    | 5.3    | 7.1    | 9.5    | 11.7   | 12.0   |
| 92.5°  | 5.3    | 7.4    | 10.2   | 12.0   | 14.8   | 16.8   | 18.7   | 28.3   | 41.7   | 53.7   | 54.4   |
| 95°    | 12.4   | 13.8   | 17.3   | 20.5   | 26.2   | 30.4   | 34.6   | 50.9   | 81.6   | 122.6  | 138.5  |
| 97.5°  | 18.4   | 20.5   | 24.4   | 29.0   | 35.3   | 40.1   | 44.9   | 65.7   | 108.5  | 174.6  | 225.8  |
| 100°   | 27.2   | 28.3   | 31.5   | 37.1   | 44.2   | 49.2   | 54.1   | 72.8   | 115.9  | 192.3  | 279.2  |
| 102.5° | 35.3   | 36.0   | 39.2   | 44.9   | 52.3   | 57.2   | 62.2   | 79.2   | 116.3  | 185.5  | 281.0  |
| 105°   | 43.1   | 44.5   | 47.0   | 52.3   | 60.1   | 65.0   | 70.0   | 86.6   | 118.0  | 176.4  | 261.9  |
| 107.5° | 51.6   | 52.7   | 55.1   | 60.1   | 67.9   | 72.8   | 77.8   | 94.0   | 121.9  | 171.4  | 244.2  |
| 110°   | 60.1   | 61.5   | 63.6   | 68.2   | 75.6   | 80.8   | 85.9   | 101.4  | 126.9  | 170.0  | 232.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 67.9  | 69.3  | 71.7  | 76.0  | 83.1  | 88.4  | 93.7  | 108.5 | 132.2 | 170.3 | 224.4 |
| 115°   | 76.0  | 77.8  | 79.9  | 84.1  | 91.2  | 96.0  | 100.7 | 115.9 | 137.5 | 171.8 | 219.1 |
| 117.5° | 84.5  | 85.9  | 88.0  | 91.9  | 98.6  | 103.6 | 108.5 | 122.6 | 143.1 | 173.9 | 216.3 |
| 120°   | 92.2  | 93.7  | 95.8  | 99.0  | 106.0 | 111.0 | 115.9 | 129.7 | 148.8 | 176.0 | 213.8 |
| 122.5° | 99.7  | 100.7 | 102.8 | 106.4 | 113.4 | 118.6 | 123.7 | 136.4 | 153.7 | 178.5 | 212.4 |
| 125°   | 106.0 | 107.1 | 109.2 | 113.4 | 120.5 | 125.4 | 130.4 | 143.1 | 159.0 | 180.9 | 210.6 |
| 127.5° | 111.3 | 112.7 | 115.6 | 120.2 | 126.9 | 132.0 | 137.1 | 149.5 | 164.0 | 183.4 | 209.6 |
| 130°   | 115.9 | 117.3 | 120.9 | 125.8 | 132.9 | 137.9 | 142.8 | 155.1 | 168.6 | 186.2 | 208.9 |
| 132.5° | 120.2 | 121.9 | 125.8 | 131.1 | 138.5 | 143.4 | 148.4 | 160.1 | 173.2 | 189.1 | 208.5 |
| 135°   | 124.4 | 125.8 | 130.1 | 135.4 | 143.5 | 148.4 | 153.4 | 164.7 | 177.1 | 191.2 | 208.2 |
| 137.5° | 128.3 | 130.1 | 134.3 | 140.0 | 148.1 | 152.7 | 157.3 | 168.6 | 180.2 | 193.3 | 208.2 |
| 140°   | 132.9 | 134.3 | 138.5 | 144.2 | 152.0 | 156.6 | 161.2 | 171.8 | 182.7 | 194.7 | 207.8 |
| 142.5° | 137.5 | 138.5 | 142.4 | 148.1 | 155.5 | 159.8 | 164.0 | 174.2 | 184.8 | 195.8 | 207.8 |
| 145°   | 142.1 | 143.5 | 147.0 | 152.3 | 159.4 | 163.3 | 167.2 | 176.7 | 186.6 | 196.5 | 207.1 |
| 147.5° | 147.0 | 148.1 | 151.6 | 156.6 | 162.6 | 166.1 | 169.6 | 178.8 | 187.7 | 196.9 | 206.0 |
| 150°   | 152.0 | 153.0 | 155.9 | 160.5 | 165.8 | 169.0 | 172.1 | 180.2 | 188.4 | 196.5 | 205.0 |
| 152.5° | 156.9 | 157.3 | 160.1 | 164.0 | 168.9 | 171.8 | 174.6 | 181.7 | 188.7 | 195.8 | 203.2 |
| 155°   | 161.5 | 161.9 | 164.0 | 167.9 | 171.8 | 174.4 | 177.1 | 183.1 | 189.1 | 195.1 | 201.1 |
| 157.5° | 165.4 | 165.8 | 167.5 | 171.1 | 174.2 | 176.5 | 178.8 | 184.1 | 189.1 | 193.7 | 199.0 |
| 160°   | 169.3 | 169.6 | 171.1 | 173.9 | 176.7 | 178.6 | 180.6 | 184.8 | 189.1 | 192.6 | 196.9 |
| 162.5° | 173.2 | 172.8 | 174.2 | 176.4 | 178.8 | 180.2 | 181.7 | 185.2 | 188.7 | 191.6 | 195.1 |
| 165°   | 176.0 | 175.6 | 176.4 | 178.5 | 180.2 | 181.3 | 182.4 | 185.5 | 188.0 | 190.1 | 192.6 |
| 167.5° | 178.5 | 178.1 | 178.8 | 180.2 | 181.7 | 182.4 | 183.1 | 185.5 | 187.7 | 188.7 | 190.5 |
| 170°   | 180.9 | 180.2 | 180.6 | 181.7 | 182.4 | 182.9 | 183.4 | 185.2 | 187.0 | 187.7 | 188.7 |
| 172.5° | 182.4 | 182.0 | 181.7 | 182.7 | 183.1 | 183.4 | 183.8 | 184.8 | 185.9 | 186.2 | 186.6 |
| 175°   | 183.4 | 183.1 | 182.7 | 183.4 | 183.4 | 183.6 | 183.8 | 184.5 | 185.2 | 184.8 | 185.2 |
| 177.5° | 184.1 | 183.4 | 183.1 | 183.8 | 183.8 | 183.8 | 183.8 | 184.1 | 184.8 | 184.1 | 183.8 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°   | 2275.7 | 2278.7 | 2283.3 | 2304.7 | 2307.7 | 2313.8 | 2310.8 | 2310.8 | 2312.3 | 2309.3 | 2310.8 |
| 5°     | 2373.4 | 2378.0 | 2400.9 | 2426.9 | 2433.0 | 2426.9 | 2434.5 | 2445.2 | 2445.2 | 2445.2 | 2442.1 |
| 7.5°   | 2465.0 | 2481.8 | 2507.8 | 2546.0 | 2553.6 | 2561.3 | 2575.0 | 2565.8 | 2568.9 | 2582.6 | 2578.1 |
| 10°    | 2553.6 | 2578.1 | 2607.1 | 2639.1 | 2655.9 | 2666.6 | 2672.7 | 2686.5 | 2718.6 | 2681.9 | 2695.7 |
| 12.5°  | 2637.6 | 2672.7 | 2703.3 | 2738.4 | 2750.6 | 2764.4 | 2769.0 | 2781.2 | 2781.2 | 2779.7 | 2790.3 |
| 15°    | 2692.6 | 2724.7 | 2752.2 | 2775.1 | 2778.1 | 2775.1 | 2772.0 | 2773.5 | 2778.1 | 2759.8 | 2770.5 |
| 17.5°  | 2704.8 | 2707.9 | 2717.0 | 2707.9 | 2709.4 | 2677.3 | 2659.0 | 2654.4 | 2611.7 | 2613.2 | 2648.3 |
| 20°    | 2645.3 | 2593.3 | 2579.6 | 2529.2 | 2498.6 | 2416.2 | 2413.1 | 2390.2 | 2300.1 | 2327.6 | 2321.5 |
| 22.5°  | 2481.8 | 2393.3 | 2275.7 | 2217.6 | 2188.6 | 2101.5 | 2034.3 | 1987.0 | 1954.9 | 1922.8 | 1909.1 |
| 25°    | 2266.5 | 2122.9 | 1956.4 | 1841.9 | 1825.1 | 1744.2 | 1620.4 | 1562.4 | 1493.7 | 1472.3 | 1509.0 |
| 27.5°  | 1988.5 | 1802.2 | 1614.3 | 1438.7 | 1406.6 | 1333.3 | 1270.7 | 1229.5 | 1150.0 | 1145.5 | 1148.5 |
| 30°    | 1611.3 | 1423.4 | 1266.1 | 1151.6 | 1072.2 | 1038.6 | 997.3  | 966.8  | 934.7  | 946.9  | 950.0  |
| 32.5°  | 1324.2 | 1145.5 | 998.8  | 937.8  | 901.1  | 879.7  | 844.6  | 824.7  | 811.0  | 806.4  | 804.9  |
| 35°    | 1052.3 | 933.2  | 867.5  | 807.9  | 786.6  | 771.3  | 745.3  | 736.1  | 723.9  | 725.5  | 725.5  |
| 37.5°  | 901.1  | 801.8  | 753.0  | 722.4  | 702.5  | 694.9  | 678.1  | 668.9  | 661.3  | 658.3  | 662.8  |
| 40°    | 777.4  | 708.7  | 678.1  | 650.6  | 633.8  | 630.8  | 621.6  | 610.9  | 601.7  | 603.3  | 607.9  |
| 42.5°  | 687.3  | 647.6  | 610.9  | 589.5  | 577.3  | 572.7  | 565.1  | 557.5  | 557.5  | 552.9  | 551.3  |
| 45°    | 615.5  | 583.4  | 552.9  | 533.0  | 525.4  | 519.3  | 510.1  | 508.6  | 502.5  | 504.0  | 505.5  |
| 47.5°  | 551.3  | 525.4  | 502.5  | 482.6  | 475.0  | 473.5  | 464.3  | 458.2  | 458.2  | 456.7  | 455.1  |
| 50°    | 493.3  | 467.3  | 447.5  | 436.8  | 426.1  | 423.1  | 421.5  | 420.0  | 416.9  | 416.9  | 418.5  |
| 52.5°  | 446.0  | 420.0  | 404.7  | 395.6  | 389.5  | 386.4  | 386.4  | 384.9  | 384.9  | 384.9  | 383.3  |
| 55°    | 394.0  | 372.7  | 360.4  | 357.4  | 354.3  | 352.8  | 351.3  | 348.2  | 346.7  | 349.7  | 346.7  |
| 57.5°  | 345.2  | 337.5  | 326.8  | 323.8  | 316.1  | 316.1  | 311.6  | 308.5  | 305.5  | 308.5  | 308.5  |
| 60°    | 307.0  | 296.3  | 290.2  | 281.0  | 274.9  | 268.8  | 261.2  | 259.6  | 256.6  | 255.1  | 253.5  |
| 62.5°  | 267.3  | 258.1  | 242.8  | 229.1  | 219.9  | 213.8  | 210.8  | 209.2  | 209.2  | 207.7  | 207.7  |
| 65°    | 223.0  | 201.6  | 194.0  | 189.4  | 187.9  | 186.3  | 183.3  | 181.7  | 183.3  | 181.7  | 183.3  |
| 67.5°  | 174.1  | 171.1  | 166.5  | 163.4  | 161.9  | 160.4  | 160.4  | 158.8  | 158.8  | 158.8  | 158.8  |
| 70°    | 151.2  | 143.6  | 142.0  | 139.0  | 139.0  | 137.5  | 137.5  | 137.5  | 137.5  | 135.9  | 139.0  |
| 72.5°  | 125.2  | 120.7  | 119.1  | 117.6  | 117.6  | 117.6  | 116.1  | 116.1  | 116.1  | 114.5  | 116.1  |
| 75°    | 102.3  | 100.8  | 97.7   | 97.7   | 96.2   | 97.7   | 96.2   | 96.2   | 94.7   | 96.2   | 96.2   |
| 77.5°  | 82.5   | 80.9   | 79.4   | 79.4   | 77.9   | 77.9   | 77.9   | 77.9   | 77.9   | 77.9   | 79.4   |
| 80°    | 62.6   | 61.1   | 59.6   | 61.1   | 59.6   | 61.1   | 59.6   | 59.6   | 61.1   | 59.6   | 59.6   |
| 82.5°  | 45.8   | 44.3   | 44.3   | 42.8   | 42.8   | 42.8   | 42.8   | 42.8   | 42.8   | 42.8   | 42.8   |
| 85°    | 27.5   | 26.0   | 26.0   | 27.5   | 26.0   | 27.5   | 26.0   | 26.0   | 26.0   | 27.5   | 27.5   |
| 87.5°  | 12.2   | 13.7   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 13.7   |
| 90°    | 11.7   | 11.3   | 10.6   | 11.3   | 11.5   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   |
| 92.5°  | 45.6   | 35.7   | 30.4   | 26.5   | 25.1   | 23.7   | 23.3   | 21.9   | 22.3   | 21.6   | 22.3   |
| 95°    | 121.2  | 92.6   | 71.0   | 56.2   | 52.3   | 48.4   | 43.8   | 41.0   | 39.9   | 40.3   | 39.9   |
| 97.5°  | 227.6  | 189.4  | 151.3  | 115.6  | 105.0  | 94.4   | 80.6   | 73.5   | 69.6   | 67.5   | 69.6   |
| 100°   | 330.1  | 322.7  | 278.8  | 230.4  | 209.0  | 187.7  | 158.3  | 143.1  | 132.9  | 126.5  | 132.9  |
| 102.5° | 368.3  | 410.0  | 408.5  | 376.4  | 353.4  | 330.4  | 297.9  | 269.3  | 255.9  | 246.7  | 255.9  |
| 105°   | 355.9  | 429.4  | 469.3  | 473.9  | 468.1  | 462.3  | 440.4  | 418.4  | 403.2  | 398.3  | 403.2  |
| 107.5° | 329.7  | 408.5  | 467.9  | 502.6  | 509.6  | 516.7  | 516.3  | 513.2  | 508.6  | 500.4  | 508.6  |
| 110°   | 305.4  | 379.9  | 443.2  | 488.4  | 502.9  | 517.4  | 532.6  | 539.3  | 542.5  | 542.1  | 542.5  |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 288.4 | 353.8 | 413.8 | 463.0 | 480.2 | 497.3 | 519.9 | 532.2 | 539.0 | 541.4 | 539.0 |
| 115°   | 275.0 | 333.3 | 387.7 | 434.0 | 452.2 | 470.4 | 495.5 | 511.7 | 520.9 | 524.1 | 520.9 |
| 117.5° | 265.8 | 316.3 | 365.1 | 408.2 | 425.5 | 442.8 | 468.6 | 485.9 | 495.5 | 498.0 | 495.5 |
| 120°   | 258.7 | 304.3 | 348.1 | 385.6 | 401.6 | 417.7 | 442.5 | 459.1 | 469.3 | 472.9 | 469.3 |
| 122.5° | 252.7 | 294.7 | 334.0 | 369.0 | 383.1 | 397.2 | 418.8 | 435.1 | 443.9 | 446.7 | 443.9 |
| 125°   | 247.0 | 285.6 | 322.0 | 353.1 | 366.4 | 379.6 | 400.1 | 413.5 | 422.3 | 425.2 | 422.3 |
| 127.5° | 241.7 | 276.4 | 309.9 | 339.6 | 352.0 | 364.4 | 382.4 | 395.1 | 402.9 | 405.0 | 402.9 |
| 130°   | 236.4 | 267.5 | 297.9 | 325.8 | 337.5 | 349.2 | 366.5 | 378.5 | 385.6 | 388.4 | 385.6 |
| 132.5° | 232.2 | 259.1 | 286.6 | 311.7 | 322.5 | 333.3 | 350.2 | 362.3 | 368.6 | 371.1 | 368.6 |
| 135°   | 228.3 | 251.3 | 274.6 | 297.9 | 307.8 | 317.7 | 332.9 | 344.6 | 350.9 | 352.4 | 350.9 |
| 137.5° | 225.5 | 244.9 | 265.1 | 284.1 | 293.0 | 301.8 | 316.3 | 326.6 | 332.2 | 334.3 | 332.2 |
| 140°   | 223.0 | 238.9 | 255.9 | 272.1 | 279.9 | 287.7 | 299.0 | 308.2 | 313.5 | 315.6 | 313.5 |
| 142.5° | 220.5 | 234.0 | 247.7 | 261.2 | 267.4 | 273.5 | 284.1 | 292.3 | 296.9 | 296.9 | 296.9 |
| 145°   | 218.4 | 229.4 | 241.0 | 252.0 | 257.1 | 262.2 | 270.7 | 276.7 | 280.3 | 281.3 | 280.3 |
| 147.5° | 216.3 | 225.8 | 235.4 | 244.2 | 248.1 | 252.0 | 259.4 | 264.4 | 266.8 | 267.5 | 266.8 |
| 150°   | 213.5 | 221.9 | 229.7 | 237.1 | 240.3 | 243.5 | 248.8 | 253.0 | 255.2 | 255.5 | 255.2 |
| 152.5° | 211.0 | 218.1 | 225.1 | 231.1 | 233.8 | 236.4 | 240.3 | 243.9 | 245.3 | 245.3 | 245.3 |
| 155°   | 207.8 | 214.5 | 220.2 | 225.5 | 227.4 | 229.4 | 233.3 | 235.7 | 237.1 | 236.4 | 237.1 |
| 157.5° | 205.0 | 210.3 | 215.2 | 219.8 | 221.4 | 223.0 | 225.8 | 228.0 | 228.7 | 228.7 | 228.7 |
| 160°   | 201.8 | 206.4 | 210.3 | 214.2 | 215.4 | 216.6 | 219.1 | 220.9 | 221.2 | 221.2 | 221.2 |
| 162.5° | 199.0 | 202.5 | 205.7 | 208.9 | 209.8 | 210.6 | 213.1 | 214.2 | 214.5 | 214.2 | 214.5 |
| 165°   | 195.8 | 198.6 | 201.1 | 203.6 | 204.3 | 205.0 | 206.4 | 207.8 | 207.8 | 207.5 | 207.8 |
| 167.5° | 192.6 | 194.7 | 196.9 | 198.6 | 199.3 | 200.0 | 200.7 | 201.4 | 201.4 | 201.1 | 201.4 |
| 170°   | 190.1 | 191.9 | 193.0 | 194.4 | 194.8 | 195.1 | 195.4 | 196.5 | 196.1 | 195.4 | 196.1 |
| 172.5° | 187.7 | 188.7 | 189.4 | 190.5 | 190.6 | 190.8 | 191.2 | 191.6 | 191.2 | 190.8 | 191.2 |
| 175°   | 185.5 | 186.6 | 187.0 | 187.3 | 187.5 | 187.7 | 187.7 | 188.0 | 187.7 | 187.0 | 187.7 |
| 177.5° | 184.1 | 184.8 | 184.8 | 185.2 | 185.2 | 185.2 | 185.2 | 185.2 | 184.8 | 184.1 | 184.8 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°   | 2316.9 | 2306.2 | 2303.1 | 2306.2 | 2303.1 | 2304.7 | 2294.0 | 2254.3 | 2265.0 | 2248.2 | 2257.3 |
| 5°     | 2448.2 | 2439.1 | 2419.2 | 2416.2 | 2413.1 | 2410.1 | 2394.8 | 2359.7 | 2345.9 | 2323.0 | 2321.5 |
| 7.5°   | 2573.5 | 2573.5 | 2558.2 | 2547.5 | 2533.8 | 2523.1 | 2503.2 | 2451.3 | 2429.9 | 2402.4 | 2387.1 |
| 10°    | 2697.2 | 2657.5 | 2674.3 | 2663.6 | 2630.0 | 2623.9 | 2587.2 | 2556.7 | 2515.4 | 2487.9 | 2463.5 |
| 12.5°  | 2785.8 | 2773.5 | 2758.3 | 2749.1 | 2739.9 | 2720.1 | 2695.7 | 2617.8 | 2596.4 | 2541.4 | 2513.9 |
| 15°    | 2782.7 | 2775.1 | 2779.7 | 2779.7 | 2776.6 | 2772.0 | 2752.2 | 2695.7 | 2659.0 | 2605.5 | 2558.2 |
| 17.5°  | 2633.0 | 2652.9 | 2672.7 | 2686.5 | 2717.0 | 2730.8 | 2749.1 | 2715.5 | 2692.6 | 2646.8 | 2596.4 |
| 20°    | 2371.9 | 2420.7 | 2478.8 | 2491.0 | 2518.5 | 2599.4 | 2636.1 | 2665.1 | 2674.3 | 2659.0 | 2617.8 |
| 22.5°  | 2008.4 | 2049.6 | 2190.1 | 2187.1 | 2226.8 | 2323.0 | 2429.9 | 2517.0 | 2585.7 | 2623.9 | 2608.6 |
| 25°    | 1573.1 | 1631.1 | 1706.0 | 1762.5 | 1892.3 | 2035.9 | 2168.7 | 2307.7 | 2426.9 | 2532.2 | 2558.2 |
| 27.5°  | 1189.8 | 1266.1 | 1325.7 | 1400.5 | 1466.2 | 1635.7 | 1806.8 | 2023.6 | 2162.6 | 2362.7 | 2466.6 |
| 30°    | 962.2  | 997.3  | 1056.9 | 1092.0 | 1124.1 | 1253.9 | 1447.9 | 1661.7 | 1906.0 | 2136.7 | 2315.4 |
| 32.5°  | 821.7  | 846.1  | 890.4  | 905.7  | 939.3  | 1026.3 | 1148.5 | 1344.0 | 1596.0 | 1875.5 | 2110.7 |
| 35°    | 737.7  | 763.6  | 772.8  | 786.6  | 814.0  | 869.0  | 953.0  | 1095.1 | 1322.6 | 1596.0 | 1877.0 |
| 37.5°  | 665.9  | 679.6  | 705.6  | 714.8  | 723.9  | 765.2  | 821.7  | 921.0  | 1072.2 | 1296.7 | 1608.2 |
| 40°    | 615.5  | 623.1  | 636.9  | 644.5  | 650.6  | 679.6  | 730.0  | 797.2  | 908.7  | 1079.8 | 1366.9 |
| 42.5°  | 562.0  | 571.2  | 580.4  | 589.5  | 597.2  | 620.1  | 650.6  | 714.8  | 789.6  | 919.4  | 1127.1 |
| 45°    | 510.1  | 516.2  | 526.9  | 533.0  | 543.7  | 562.0  | 589.5  | 633.8  | 701.0  | 783.5  | 951.5  |
| 47.5°  | 462.8  | 470.4  | 475.0  | 482.6  | 490.3  | 510.1  | 536.1  | 565.1  | 620.1  | 701.0  | 823.2  |
| 50°    | 420.0  | 429.2  | 435.3  | 436.8  | 442.9  | 461.2  | 482.6  | 514.7  | 549.8  | 612.4  | 719.3  |
| 52.5°  | 389.5  | 391.0  | 395.6  | 401.7  | 400.1  | 410.8  | 430.7  | 455.1  | 491.8  | 542.2  | 620.1  |
| 55°    | 354.3  | 358.9  | 362.0  | 363.5  | 363.5  | 372.7  | 383.3  | 406.3  | 435.3  | 476.5  | 542.2  |
| 57.5°  | 310.0  | 314.6  | 323.8  | 326.8  | 331.4  | 336.0  | 340.6  | 355.9  | 380.3  | 420.0  | 473.5  |
| 60°    | 264.2  | 267.3  | 276.4  | 282.5  | 285.6  | 297.8  | 303.9  | 316.1  | 329.9  | 358.9  | 409.3  |
| 62.5°  | 212.3  | 215.3  | 219.9  | 226.0  | 232.1  | 250.5  | 265.7  | 278.0  | 288.7  | 308.5  | 349.7  |
| 65°    | 184.8  | 186.3  | 189.4  | 190.9  | 192.4  | 200.1  | 213.8  | 230.6  | 250.5  | 265.7  | 290.2  |
| 67.5°  | 160.4  | 161.9  | 163.4  | 166.5  | 168.0  | 169.5  | 175.6  | 180.2  | 200.1  | 221.5  | 239.8  |
| 70°    | 137.5  | 140.5  | 142.0  | 142.0  | 143.6  | 146.6  | 149.7  | 155.8  | 161.9  | 172.6  | 195.5  |
| 72.5°  | 116.1  | 117.6  | 120.7  | 120.7  | 120.7  | 123.7  | 126.8  | 129.8  | 132.9  | 139.0  | 148.1  |
| 75°    | 96.2   | 99.3   | 99.3   | 99.3   | 100.8  | 100.8  | 103.9  | 106.9  | 110.0  | 114.5  | 117.6  |
| 77.5°  | 79.4   | 79.4   | 79.4   | 79.4   | 80.9   | 80.9   | 82.5   | 85.5   | 87.1   | 88.6   | 91.6   |
| 80°    | 59.6   | 61.1   | 61.1   | 61.1   | 62.6   | 62.6   | 62.6   | 65.7   | 67.2   | 67.2   | 70.3   |
| 82.5°  | 44.3   | 44.3   | 44.3   | 45.8   | 44.3   | 45.8   | 45.8   | 47.3   | 45.8   | 47.3   | 48.9   |
| 85°    | 27.5   | 27.5   | 27.5   | 29.0   | 29.0   | 29.0   | 29.0   | 29.0   | 29.0   | 29.0   | 30.5   |
| 87.5°  | 13.7   | 13.7   | 13.7   | 13.7   | 13.7   | 13.7   | 13.7   | 13.7   | 15.3   | 13.7   | 13.7   |
| 90°    | 11.7   | 11.7   | 11.7   | 11.5   | 11.3   | 10.6   | 11.3   | 11.7   | 12.0   | 11.7   | 9.5    |
| 92.5°  | 21.9   | 23.3   | 23.7   | 25.1   | 26.5   | 30.4   | 35.7   | 45.6   | 54.4   | 53.7   | 41.7   |
| 95°    | 41.0   | 43.8   | 48.4   | 52.3   | 56.2   | 71.0   | 92.6   | 121.2  | 138.5  | 122.6  | 81.6   |
| 97.5°  | 73.5   | 80.6   | 94.4   | 105.0  | 115.6  | 151.3  | 189.4  | 227.6  | 225.8  | 174.6  | 108.5  |
| 100°   | 143.1  | 158.3  | 187.7  | 209.0  | 230.4  | 278.8  | 322.7  | 330.1  | 279.2  | 192.3  | 115.9  |
| 102.5° | 269.3  | 297.9  | 330.4  | 353.4  | 376.4  | 408.5  | 410.0  | 368.3  | 281.0  | 185.5  | 116.3  |
| 105°   | 418.4  | 440.4  | 462.3  | 468.1  | 473.9  | 469.3  | 429.4  | 355.9  | 261.9  | 176.4  | 118.0  |
| 107.5° | 513.2  | 516.3  | 516.7  | 509.6  | 502.6  | 467.9  | 408.5  | 329.7  | 244.2  | 171.4  | 121.9  |
| 110°   | 539.3  | 532.6  | 517.4  | 502.9  | 488.4  | 443.2  | 379.9  | 305.4  | 232.2  | 170.0  | 126.9  |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 532.2 | 519.9 | 497.3 | 480.2  | 463.0 | 413.8 | 353.8 | 288.4 | 224.4 | 170.3 | 132.2 |
| 115°   | 511.7 | 495.5 | 470.4 | 452.2  | 434.0 | 387.7 | 333.3 | 275.0 | 219.1 | 171.8 | 137.5 |
| 117.5° | 485.9 | 468.6 | 442.8 | 425.5  | 408.2 | 365.1 | 316.3 | 265.8 | 216.3 | 173.9 | 143.1 |
| 120°   | 459.1 | 442.5 | 417.7 | 401.6  | 385.6 | 348.1 | 304.3 | 258.7 | 213.8 | 176.0 | 148.8 |
| 122.5° | 435.1 | 418.8 | 397.2 | 383.1  | 369.0 | 334.0 | 294.7 | 252.7 | 212.4 | 178.5 | 153.7 |
| 125°   | 413.5 | 400.1 | 379.6 | 366.4  | 353.1 | 322.0 | 285.6 | 247.0 | 210.6 | 180.9 | 159.0 |
| 127.5° | 395.1 | 382.4 | 364.4 | 352.0  | 339.6 | 309.9 | 276.4 | 241.7 | 209.6 | 183.4 | 164.0 |
| 130°   | 378.5 | 366.5 | 349.2 | 337.5  | 325.8 | 297.9 | 267.5 | 236.4 | 208.9 | 186.2 | 168.6 |
| 132.5° | 362.3 | 350.2 | 333.3 | 322.5  | 311.7 | 286.6 | 259.1 | 232.2 | 208.5 | 189.1 | 173.2 |
| 135°   | 344.6 | 332.9 | 317.7 | 307.8  | 297.9 | 274.6 | 251.3 | 228.3 | 208.2 | 191.2 | 177.1 |
| 137.5° | 326.6 | 316.3 | 301.8 | 293.0  | 284.1 | 265.1 | 244.9 | 225.5 | 208.2 | 193.3 | 180.2 |
| 140°   | 308.2 | 299.0 | 287.7 | 279.9  | 272.1 | 255.9 | 238.9 | 223.0 | 207.8 | 194.7 | 182.7 |
| 142.5° | 292.3 | 284.1 | 273.5 | 267.4  | 261.2 | 247.7 | 234.0 | 220.5 | 207.8 | 195.8 | 184.8 |
| 145°   | 276.7 | 270.7 | 262.2 | 257.1  | 252.0 | 241.0 | 229.4 | 218.4 | 207.1 | 196.5 | 186.6 |
| 147.5° | 264.4 | 259.4 | 252.0 | 248.1  | 244.2 | 235.4 | 225.8 | 216.3 | 206.0 | 196.9 | 187.7 |
| 150°   | 253.0 | 248.8 | 243.5 | 240.3  | 237.1 | 229.7 | 221.9 | 213.5 | 205.0 | 196.5 | 188.4 |
| 152.5° | 243.9 | 240.3 | 236.4 | 233.8  | 231.1 | 225.1 | 218.1 | 211.0 | 203.2 | 195.8 | 188.7 |
| 155°   | 235.7 | 233.3 | 229.4 | 227.4  | 225.5 | 220.2 | 214.5 | 207.8 | 201.1 | 195.1 | 189.1 |
| 157.5° | 228.0 | 225.8 | 223.0 | 221.4  | 219.8 | 215.2 | 210.3 | 205.0 | 199.0 | 193.7 | 189.1 |
| 160°   | 220.9 | 219.1 | 216.6 | 215.4  | 214.2 | 210.3 | 206.4 | 201.8 | 196.9 | 192.6 | 189.1 |
| 162.5° | 214.2 | 213.1 | 210.6 | 209.8  | 208.9 | 205.7 | 202.5 | 199.0 | 195.1 | 191.6 | 188.7 |
| 165°   | 207.8 | 206.4 | 205.0 | 204.3  | 203.6 | 201.1 | 198.6 | 195.8 | 192.6 | 190.1 | 188.0 |
| 167.5° | 201.4 | 200.7 | 200.0 | 199.3  | 198.6 | 196.9 | 194.7 | 192.6 | 190.5 | 188.7 | 187.7 |
| 170°   | 196.5 | 195.4 | 195.1 | 194.8  | 194.4 | 193.0 | 191.9 | 190.1 | 188.7 | 187.7 | 187.0 |
| 172.5° | 191.6 | 191.2 | 190.8 | 190.6  | 190.5 | 189.4 | 188.7 | 187.7 | 186.6 | 186.2 | 185.9 |
| 175°   | 188.0 | 187.7 | 187.7 | 187.5  | 187.3 | 187.0 | 186.6 | 185.5 | 185.2 | 184.8 | 185.2 |
| 177.5° | 185.2 | 185.2 | 185.2 | 185.2  | 185.2 | 184.8 | 184.8 | 184.1 | 183.8 | 184.1 | 184.8 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8  | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°   | 2243.6 | 2235.9 | 2235.9 | 2231.4 | 2231.4 | 2206.9 | 2206.9 | 2214.6 | 2205.4 | 2194.7 | 2179.4 |
| 5°     | 2301.6 | 2284.8 | 2280.2 | 2274.1 | 2254.3 | 2223.7 | 2211.5 | 2206.9 | 2188.6 | 2165.7 | 2139.7 |
| 7.5°   | 2356.6 | 2329.1 | 2315.4 | 2301.6 | 2275.7 | 2232.9 | 2208.4 | 2191.6 | 2164.2 | 2129.0 | 2095.4 |
| 10°    | 2410.1 | 2374.9 | 2339.8 | 2323.0 | 2286.3 | 2232.9 | 2197.8 | 2170.3 | 2130.6 | 2083.2 | 2035.9 |
| 12.5°  | 2458.9 | 2385.6 | 2379.5 | 2345.9 | 2292.5 | 2231.4 | 2177.9 | 2138.2 | 2087.8 | 2032.8 | 1977.8 |
| 15°    | 2501.7 | 2426.9 | 2390.2 | 2359.7 | 2289.4 | 2213.0 | 2156.5 | 2107.6 | 2040.4 | 1977.8 | 1910.6 |
| 17.5°  | 2523.1 | 2442.1 | 2417.7 | 2367.3 | 2295.5 | 2196.2 | 2119.9 | 2060.3 | 1987.0 | 1912.2 | 1835.8 |
| 20°    | 2544.5 | 2449.8 | 2410.1 | 2374.9 | 2277.2 | 2164.2 | 2078.6 | 2009.9 | 1929.0 | 1840.4 | 1756.4 |
| 22.5°  | 2555.1 | 2449.8 | 2402.4 | 2353.5 | 2258.9 | 2129.0 | 2028.2 | 1947.3 | 1852.6 | 1762.5 | 1661.7 |
| 25°    | 2536.8 | 2440.6 | 2384.1 | 2333.7 | 2226.8 | 2086.3 | 1970.2 | 1878.6 | 1777.8 | 1675.4 | 1573.1 |
| 27.5°  | 2491.0 | 2419.2 | 2353.5 | 2301.6 | 2182.5 | 2031.3 | 1909.1 | 1805.2 | 1701.4 | 1586.8 | 1483.0 |
| 30°    | 2405.5 | 2373.4 | 2321.5 | 2263.4 | 2133.6 | 1982.4 | 1837.3 | 1730.4 | 1615.9 | 1501.3 | 1392.9 |
| 32.5°  | 2272.6 | 2300.1 | 2266.5 | 2216.1 | 2075.6 | 1915.2 | 1761.0 | 1652.5 | 1527.3 | 1403.6 | 1304.3 |
| 35°    | 2110.7 | 2208.4 | 2190.1 | 2155.0 | 2014.5 | 1843.4 | 1689.2 | 1557.8 | 1432.6 | 1307.4 | 1208.1 |
| 37.5°  | 1933.5 | 2081.7 | 2097.0 | 2075.6 | 1944.2 | 1770.1 | 1600.6 | 1472.3 | 1344.0 | 1217.2 | 1116.4 |
| 40°    | 1690.7 | 1918.3 | 1967.1 | 1976.3 | 1870.9 | 1681.5 | 1504.4 | 1379.1 | 1252.4 | 1128.7 | 1006.5 |
| 42.5°  | 1467.7 | 1754.8 | 1815.9 | 1854.1 | 1777.8 | 1594.5 | 1415.8 | 1276.8 | 1151.6 | 1040.1 | 917.9  |
| 45°    | 1258.5 | 1557.8 | 1657.1 | 1706.0 | 1672.4 | 1495.2 | 1310.4 | 1180.6 | 1066.0 | 963.7  | 846.1  |
| 47.5°  | 1043.1 | 1344.0 | 1483.0 | 1560.9 | 1560.9 | 1394.4 | 1209.6 | 1081.3 | 971.4  | 884.3  | 780.4  |
| 50°    | 899.6  | 1150.0 | 1293.6 | 1395.9 | 1423.4 | 1292.1 | 1118.0 | 992.7  | 888.9  | 794.2  | 714.8  |
| 52.5°  | 766.7  | 991.2  | 1110.3 | 1217.2 | 1296.7 | 1182.1 | 1015.6 | 902.6  | 800.3  | 711.7  | 649.1  |
| 55°    | 662.8  | 830.8  | 939.3  | 1056.9 | 1145.5 | 1070.6 | 916.4  | 806.4  | 717.8  | 644.5  | 591.1  |
| 57.5°  | 563.6  | 710.2  | 798.8  | 902.6  | 997.3  | 940.8  | 817.1  | 722.4  | 644.5  | 580.4  | 533.0  |
| 60°    | 479.6  | 598.7  | 667.4  | 748.4  | 866.0  | 826.3  | 723.9  | 636.9  | 574.3  | 516.2  | 476.5  |
| 62.5°  | 407.8  | 502.5  | 560.5  | 618.5  | 725.5  | 707.1  | 627.7  | 560.5  | 507.1  | 458.2  | 424.6  |
| 65°    | 334.5  | 412.4  | 458.2  | 508.6  | 594.1  | 601.7  | 537.6  | 490.3  | 441.4  | 398.6  | 368.1  |
| 67.5°  | 270.3  | 331.4  | 372.7  | 415.4  | 484.1  | 505.5  | 461.2  | 421.5  | 380.3  | 345.2  | 317.7  |
| 70°    | 218.4  | 261.2  | 291.7  | 325.3  | 381.8  | 407.8  | 384.9  | 357.4  | 323.8  | 294.8  | 270.3  |
| 72.5°  | 172.6  | 200.1  | 218.4  | 244.4  | 290.2  | 316.1  | 314.6  | 290.2  | 265.7  | 245.9  | 226.0  |
| 75°    | 126.8  | 148.1  | 163.4  | 180.2  | 216.9  | 241.3  | 247.4  | 236.7  | 212.3  | 197.0  | 181.7  |
| 77.5°  | 96.2   | 108.4  | 116.1  | 128.3  | 154.3  | 175.6  | 184.8  | 181.7  | 164.9  | 152.7  | 142.0  |
| 80°    | 73.3   | 76.4   | 79.4   | 84.0   | 105.4  | 125.2  | 131.3  | 129.8  | 120.7  | 116.1  | 103.9  |
| 82.5°  | 51.9   | 53.5   | 55.0   | 56.5   | 64.1   | 80.9   | 87.1   | 90.1   | 82.5   | 77.9   | 67.2   |
| 85°    | 30.5   | 32.1   | 32.1   | 35.1   | 36.7   | 41.2   | 51.9   | 51.9   | 50.4   | 44.3   | 42.8   |
| 87.5°  | 15.3   | 15.3   | 13.7   | 13.7   | 15.3   | 16.8   | 19.9   | 22.9   | 19.9   | 18.3   | 16.8   |
| 90°    | 7.1    | 5.3    | 4.8    | 4.2    | 3.5    | 2.8    | 1.4    | 0.4    | 1.4    | 2.8    | 3.5    |
| 92.5°  | 28.3   | 18.7   | 16.8   | 14.8   | 12.0   | 10.2   | 7.4    | 5.3    | 7.4    | 10.2   | 12.0   |
| 95°    | 50.9   | 34.6   | 30.4   | 26.2   | 20.5   | 17.3   | 13.8   | 12.4   | 13.8   | 17.3   | 20.5   |
| 97.5°  | 65.7   | 44.9   | 40.1   | 35.3   | 29.0   | 24.4   | 20.5   | 18.4   | 20.5   | 24.4   | 29.0   |
| 100°   | 72.8   | 54.1   | 49.2   | 44.2   | 37.1   | 31.5   | 28.3   | 27.2   | 28.3   | 31.5   | 37.1   |
| 102.5° | 79.2   | 62.2   | 57.2   | 52.3   | 44.9   | 39.2   | 36.0   | 35.3   | 36.0   | 39.2   | 44.9   |
| 105°   | 86.6   | 70.0   | 65.0   | 60.1   | 52.3   | 47.0   | 44.5   | 43.1   | 44.5   | 47.0   | 52.3   |
| 107.5° | 94.0   | 77.8   | 72.8   | 67.9   | 60.1   | 55.1   | 52.7   | 51.6   | 52.7   | 55.1   | 60.1   |
| 110°   | 101.4  | 85.9   | 80.8   | 75.6   | 68.2   | 63.6   | 61.5   | 60.1   | 61.5   | 63.6   | 68.2   |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 108.5 | 93.7  | 88.4   | 83.1  | 76.0  | 71.7  | 69.3  | 67.9  | 69.3  | 71.7  | 76.0  |
| 115°   | 115.9 | 100.7 | 96.0   | 91.2  | 84.1  | 79.9  | 77.8  | 76.0  | 77.8  | 79.9  | 84.1  |
| 117.5° | 122.6 | 108.5 | 103.6  | 98.6  | 91.9  | 88.0  | 85.9  | 84.5  | 85.9  | 88.0  | 91.9  |
| 120°   | 129.7 | 115.9 | 111.0  | 106.0 | 99.0  | 95.8  | 93.7  | 92.2  | 93.7  | 95.8  | 99.0  |
| 122.5° | 136.4 | 123.7 | 118.6  | 113.4 | 106.4 | 102.8 | 100.7 | 99.7  | 100.7 | 102.8 | 106.4 |
| 125°   | 143.1 | 130.4 | 125.4  | 120.5 | 113.4 | 109.2 | 107.1 | 106.0 | 107.1 | 109.2 | 113.4 |
| 127.5° | 149.5 | 137.1 | 132.0  | 126.9 | 120.2 | 115.6 | 112.7 | 111.3 | 112.7 | 115.6 | 120.2 |
| 130°   | 155.1 | 142.8 | 137.9  | 132.9 | 125.8 | 120.9 | 117.3 | 115.9 | 117.3 | 120.9 | 125.8 |
| 132.5° | 160.1 | 148.4 | 143.4  | 138.5 | 131.1 | 125.8 | 121.9 | 120.2 | 121.9 | 125.8 | 131.1 |
| 135°   | 164.7 | 153.4 | 148.4  | 143.5 | 135.4 | 130.1 | 125.8 | 124.4 | 125.8 | 130.1 | 135.4 |
| 137.5° | 168.6 | 157.3 | 152.7  | 148.1 | 140.0 | 134.3 | 130.1 | 128.3 | 130.1 | 134.3 | 140.0 |
| 140°   | 171.8 | 161.2 | 156.6  | 152.0 | 144.2 | 138.5 | 134.3 | 132.9 | 134.3 | 138.5 | 144.2 |
| 142.5° | 174.2 | 164.0 | 159.8  | 155.5 | 148.1 | 142.4 | 138.5 | 137.5 | 138.5 | 142.4 | 148.1 |
| 145°   | 176.7 | 167.2 | 163.3  | 159.4 | 152.3 | 147.0 | 143.5 | 142.1 | 143.5 | 147.0 | 152.3 |
| 147.5° | 178.8 | 169.6 | 166.1  | 162.6 | 156.6 | 151.6 | 148.1 | 147.0 | 148.1 | 151.6 | 156.6 |
| 150°   | 180.2 | 172.1 | 169.0  | 165.8 | 160.5 | 155.9 | 153.0 | 152.0 | 153.0 | 155.9 | 160.5 |
| 152.5° | 181.7 | 174.6 | 171.8  | 168.9 | 164.0 | 160.1 | 157.3 | 156.9 | 157.3 | 160.1 | 164.0 |
| 155°   | 183.1 | 177.1 | 174.4  | 171.8 | 167.9 | 164.0 | 161.9 | 161.5 | 161.9 | 164.0 | 167.9 |
| 157.5° | 184.1 | 178.8 | 176.5  | 174.2 | 171.1 | 167.5 | 165.8 | 165.4 | 165.8 | 167.5 | 171.1 |
| 160°   | 184.8 | 180.6 | 178.6  | 176.7 | 173.9 | 171.1 | 169.6 | 169.3 | 169.6 | 171.1 | 173.9 |
| 162.5° | 185.2 | 181.7 | 180.2  | 178.8 | 176.4 | 174.2 | 172.8 | 173.2 | 172.8 | 174.2 | 176.4 |
| 165°   | 185.5 | 182.4 | 181.3  | 180.2 | 178.5 | 176.4 | 175.6 | 176.0 | 175.6 | 176.4 | 178.5 |
| 167.5° | 185.5 | 183.1 | 182.4  | 181.7 | 180.2 | 178.8 | 178.1 | 178.5 | 178.1 | 178.8 | 180.2 |
| 170°   | 185.2 | 183.4 | 182.9  | 182.4 | 181.7 | 180.6 | 180.2 | 180.9 | 180.2 | 180.6 | 181.7 |
| 172.5° | 184.8 | 183.8 | 183.4  | 183.1 | 182.7 | 181.7 | 182.0 | 182.4 | 182.0 | 181.7 | 182.7 |
| 175°   | 184.5 | 183.8 | 183.6  | 183.4 | 183.4 | 182.7 | 183.1 | 183.4 | 183.1 | 182.7 | 183.4 |
| 177.5° | 184.1 | 183.8 | 183.8  | 183.8 | 183.8 | 183.1 | 183.4 | 184.1 | 183.4 | 183.1 | 183.8 |
| 180°   | 183.8 | 183.8 | 183.8  | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4FO-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°   | 2173.3 | 2174.8 | 2179.4 | 2165.7 | 2144.3 | 2135.1 | 2107.6 | 2103.1 | 2098.5 | 2098.5 | 2103.1 |
| 5°     | 2124.4 | 2118.3 | 2119.9 | 2093.9 | 2063.4 | 2045.0 | 2006.8 | 2013.0 | 1993.1 | 1980.9 | 1983.9 |
| 7.5°   | 2071.0 | 2054.2 | 2052.7 | 2019.1 | 1980.9 | 1947.3 | 1907.6 | 1898.4 | 1880.1 | 1858.7 | 1849.5 |
| 10°    | 2003.8 | 1991.6 | 1968.7 | 1930.5 | 1881.6 | 1854.1 | 1800.7 | 1768.6 | 1764.0 | 1731.9 | 1719.7 |
| 12.5°  | 1935.1 | 1913.7 | 1890.8 | 1837.3 | 1782.3 | 1738.0 | 1698.3 | 1663.2 | 1638.8 | 1611.3 | 1593.0 |
| 15°    | 1855.6 | 1829.7 | 1803.7 | 1747.2 | 1683.1 | 1638.8 | 1579.2 | 1527.3 | 1455.5 | 1399.0 | 1366.9 |
| 17.5°  | 1768.6 | 1739.6 | 1704.4 | 1641.8 | 1579.2 | 1518.1 | 1408.2 | 1347.1 | 1296.7 | 1263.1 | 1243.2 |
| 20°    | 1678.5 | 1646.4 | 1611.3 | 1548.7 | 1440.2 | 1333.3 | 1272.2 | 1224.9 | 1194.3 | 1160.7 | 1136.3 |
| 22.5°  | 1583.8 | 1550.2 | 1512.0 | 1414.3 | 1299.7 | 1224.9 | 1177.5 | 1133.2 | 1089.0 | 1070.6 | 1058.4 |
| 25°    | 1495.2 | 1464.7 | 1415.8 | 1282.9 | 1192.8 | 1124.1 | 1070.6 | 1041.6 | 1018.7 | 994.3  | 971.4  |
| 27.5°  | 1403.6 | 1347.1 | 1278.3 | 1166.8 | 1110.3 | 1040.1 | 1001.9 | 980.5  | 940.8  | 924.0  | 913.3  |
| 30°    | 1293.6 | 1231.0 | 1165.3 | 1085.9 | 1020.2 | 971.4  | 936.2  | 901.1  | 878.2  | 861.4  | 843.1  |
| 32.5°  | 1182.1 | 1122.6 | 1081.3 | 998.8  | 950.0  | 899.6  | 866.0  | 844.6  | 811.0  | 800.3  | 792.7  |
| 35°    | 1085.9 | 1035.5 | 998.8  | 931.6  | 885.8  | 840.0  | 815.6  | 783.5  | 762.1  | 742.3  | 730.0  |
| 37.5°  | 991.2  | 963.7  | 925.5  | 869.0  | 820.2  | 783.5  | 749.9  | 739.2  | 710.2  | 699.5  | 687.3  |
| 40°    | 925.5  | 884.3  | 852.2  | 803.4  | 762.1  | 722.4  | 701.0  | 676.6  | 656.7  | 639.9  | 635.3  |
| 42.5°  | 846.1  | 815.6  | 797.2  | 743.8  | 701.0  | 678.1  | 652.1  | 624.7  | 609.4  | 595.6  | 578.8  |
| 45°    | 786.6  | 759.1  | 733.1  | 690.3  | 652.1  | 623.1  | 600.2  | 581.9  | 555.9  | 549.8  | 523.9  |
| 47.5°  | 723.9  | 696.4  | 676.6  | 633.8  | 598.7  | 571.2  | 554.4  | 530.0  | 508.6  | 494.8  | 482.6  |
| 50°    | 661.3  | 638.4  | 620.1  | 583.4  | 552.9  | 523.9  | 500.9  | 476.5  | 467.3  | 444.4  | 436.8  |
| 52.5°  | 601.7  | 586.5  | 566.6  | 531.5  | 500.9  | 476.5  | 452.1  | 432.2  | 418.5  | 406.3  | 397.1  |
| 55°    | 551.3  | 526.9  | 517.7  | 479.6  | 453.6  | 427.6  | 406.3  | 394.0  | 377.2  | 369.6  | 362.0  |
| 57.5°  | 494.8  | 481.1  | 465.8  | 436.8  | 407.8  | 383.3  | 368.1  | 349.7  | 340.6  | 331.4  | 325.3  |
| 60°    | 446.0  | 426.1  | 413.9  | 389.5  | 363.5  | 340.6  | 326.8  | 313.1  | 300.9  | 293.2  | 281.0  |
| 62.5°  | 389.5  | 374.2  | 366.5  | 340.6  | 319.2  | 297.8  | 285.6  | 271.9  | 262.7  | 248.9  | 233.7  |
| 65°    | 340.6  | 328.4  | 319.2  | 297.8  | 278.0  | 258.1  | 245.9  | 229.1  | 216.9  | 209.2  | 207.7  |
| 67.5°  | 297.8  | 288.7  | 274.9  | 255.1  | 235.2  | 219.9  | 206.2  | 192.4  | 190.9  | 187.9  | 187.9  |
| 70°    | 250.5  | 241.3  | 233.7  | 212.3  | 195.5  | 178.7  | 175.6  | 171.1  | 166.5  | 164.9  | 161.9  |
| 72.5°  | 209.2  | 201.6  | 192.4  | 174.1  | 157.3  | 152.7  | 149.7  | 146.6  | 142.0  | 140.5  | 139.0  |
| 75°    | 169.5  | 158.8  | 152.7  | 135.9  | 131.3  | 128.3  | 125.2  | 120.7  | 117.6  | 116.1  | 113.0  |
| 77.5°  | 129.8  | 119.1  | 119.1  | 110.0  | 106.9  | 102.3  | 99.3   | 96.2   | 94.7   | 91.6   | 91.6   |
| 80°    | 91.6   | 91.6   | 88.6   | 84.0   | 79.4   | 77.9   | 73.3   | 71.8   | 70.3   | 71.8   | 68.7   |
| 82.5°  | 67.2   | 61.1   | 61.1   | 58.0   | 55.0   | 53.5   | 50.4   | 50.4   | 48.9   | 48.9   | 48.9   |
| 85°    | 38.2   | 38.2   | 36.7   | 33.6   | 32.1   | 32.1   | 30.5   | 30.5   | 29.0   | 29.0   | 27.5   |
| 87.5°  | 15.3   | 13.7   | 15.3   | 13.7   | 13.7   | 12.2   | 12.2   | 12.2   | 10.7   | 12.2   | 10.7   |
| 90°    | 4.2    | 4.8    | 5.3    | 7.1    | 9.5    | 11.7   | 12.0   | 11.7   | 11.3   | 10.6   | 11.3   |
| 92.5°  | 14.8   | 16.8   | 18.7   | 28.3   | 41.7   | 53.7   | 54.4   | 45.6   | 35.7   | 30.4   | 26.5   |
| 95°    | 26.2   | 30.4   | 34.6   | 50.9   | 81.6   | 122.6  | 138.5  | 121.2  | 92.6   | 71.0   | 56.2   |
| 97.5°  | 35.3   | 40.1   | 44.9   | 65.7   | 108.5  | 174.6  | 225.8  | 227.6  | 189.4  | 151.3  | 115.6  |
| 100°   | 44.2   | 49.2   | 54.1   | 72.8   | 115.9  | 192.3  | 279.2  | 330.1  | 322.7  | 278.8  | 230.4  |
| 102.5° | 52.3   | 57.2   | 62.2   | 79.2   | 116.3  | 185.5  | 281.0  | 368.3  | 410.0  | 408.5  | 376.4  |
| 105°   | 60.1   | 65.0   | 70.0   | 86.6   | 118.0  | 176.4  | 261.9  | 355.9  | 429.4  | 469.3  | 473.9  |
| 107.5° | 67.9   | 72.8   | 77.8   | 94.0   | 121.9  | 171.4  | 244.2  | 329.7  | 408.5  | 467.9  | 502.6  |
| 110°   | 75.6   | 80.8   | 85.9   | 101.4  | 126.9  | 170.0  | 232.2  | 305.4  | 379.9  | 443.2  | 488.4  |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 83.1  | 88.4   | 93.7  | 108.5 | 132.2 | 170.3 | 224.4 | 288.4 | 353.8 | 413.8 | 463.0 |
| 115°   | 91.2  | 96.0   | 100.7 | 115.9 | 137.5 | 171.8 | 219.1 | 275.0 | 333.3 | 387.7 | 434.0 |
| 117.5° | 98.6  | 103.6  | 108.5 | 122.6 | 143.1 | 173.9 | 216.3 | 265.8 | 316.3 | 365.1 | 408.2 |
| 120°   | 106.0 | 111.0  | 115.9 | 129.7 | 148.8 | 176.0 | 213.8 | 258.7 | 304.3 | 348.1 | 385.6 |
| 122.5° | 113.4 | 118.6  | 123.7 | 136.4 | 153.7 | 178.5 | 212.4 | 252.7 | 294.7 | 334.0 | 369.0 |
| 125°   | 120.5 | 125.4  | 130.4 | 143.1 | 159.0 | 180.9 | 210.6 | 247.0 | 285.6 | 322.0 | 353.1 |
| 127.5° | 126.9 | 132.0  | 137.1 | 149.5 | 164.0 | 183.4 | 209.6 | 241.7 | 276.4 | 309.9 | 339.6 |
| 130°   | 132.9 | 137.9  | 142.8 | 155.1 | 168.6 | 186.2 | 208.9 | 236.4 | 267.5 | 297.9 | 325.8 |
| 132.5° | 138.5 | 143.4  | 148.4 | 160.1 | 173.2 | 189.1 | 208.5 | 232.2 | 259.1 | 286.6 | 311.7 |
| 135°   | 143.5 | 148.4  | 153.4 | 164.7 | 177.1 | 191.2 | 208.2 | 228.3 | 251.3 | 274.6 | 297.9 |
| 137.5° | 148.1 | 152.7  | 157.3 | 168.6 | 180.2 | 193.3 | 208.2 | 225.5 | 244.9 | 265.1 | 284.1 |
| 140°   | 152.0 | 156.6  | 161.2 | 171.8 | 182.7 | 194.7 | 207.8 | 223.0 | 238.9 | 255.9 | 272.1 |
| 142.5° | 155.5 | 159.8  | 164.0 | 174.2 | 184.8 | 195.8 | 207.8 | 220.5 | 234.0 | 247.7 | 261.2 |
| 145°   | 159.4 | 163.3  | 167.2 | 176.7 | 186.6 | 196.5 | 207.1 | 218.4 | 229.4 | 241.0 | 252.0 |
| 147.5° | 162.6 | 166.1  | 169.6 | 178.8 | 187.7 | 196.9 | 206.0 | 216.3 | 225.8 | 235.4 | 244.2 |
| 150°   | 165.8 | 169.0  | 172.1 | 180.2 | 188.4 | 196.5 | 205.0 | 213.5 | 221.9 | 229.7 | 237.1 |
| 152.5° | 168.9 | 171.8  | 174.6 | 181.7 | 188.7 | 195.8 | 203.2 | 211.0 | 218.1 | 225.1 | 231.1 |
| 155°   | 171.8 | 174.4  | 177.1 | 183.1 | 189.1 | 195.1 | 201.1 | 207.8 | 214.5 | 220.2 | 225.5 |
| 157.5° | 174.2 | 176.5  | 178.8 | 184.1 | 189.1 | 193.7 | 199.0 | 205.0 | 210.3 | 215.2 | 219.8 |
| 160°   | 176.7 | 178.6  | 180.6 | 184.8 | 189.1 | 192.6 | 196.9 | 201.8 | 206.4 | 210.3 | 214.2 |
| 162.5° | 178.8 | 180.2  | 181.7 | 185.2 | 188.7 | 191.6 | 195.1 | 199.0 | 202.5 | 205.7 | 208.9 |
| 165°   | 180.2 | 181.3  | 182.4 | 185.5 | 188.0 | 190.1 | 192.6 | 195.8 | 198.6 | 201.1 | 203.6 |
| 167.5° | 181.7 | 182.4  | 183.1 | 185.5 | 187.7 | 188.7 | 190.5 | 192.6 | 194.7 | 196.9 | 198.6 |
| 170°   | 182.4 | 182.9  | 183.4 | 185.2 | 187.0 | 187.7 | 188.7 | 190.1 | 191.9 | 193.0 | 194.4 |
| 172.5° | 183.1 | 183.4  | 183.8 | 184.8 | 185.9 | 186.2 | 186.6 | 187.7 | 188.7 | 189.4 | 190.5 |
| 175°   | 183.4 | 183.6  | 183.8 | 184.5 | 185.2 | 184.8 | 185.2 | 185.5 | 186.6 | 187.0 | 187.3 |
| 177.5° | 183.8 | 183.8  | 183.8 | 184.1 | 184.8 | 184.1 | 183.8 | 184.1 | 184.8 | 184.8 | 185.2 |
| 180°   | 183.8 | 183.8  | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°   | 2103.1 | 2100.0 | 2090.8 | 2093.9 | 2089.3 | 2089.3 | 2086.3 | 2086.3 | 2086.3 | 2093.9 | 2089.3 |
| 5°     | 1988.5 | 1977.8 | 1967.1 | 1962.6 | 1958.0 | 1953.4 | 1953.4 | 1951.9 | 1965.6 | 1962.6 | 1974.8 |
| 7.5°   | 1846.5 | 1843.4 | 1822.0 | 1822.0 | 1814.4 | 1811.4 | 1819.0 | 1820.5 | 1822.0 | 1825.1 | 1832.7 |
| 10°    | 1719.7 | 1712.1 | 1681.5 | 1684.6 | 1680.0 | 1673.9 | 1678.5 | 1675.4 | 1686.1 | 1689.2 | 1686.1 |
| 12.5°  | 1570.0 | 1556.3 | 1522.7 | 1505.9 | 1487.6 | 1473.8 | 1490.6 | 1478.4 | 1521.2 | 1533.4 | 1567.0 |
| 15°    | 1371.5 | 1345.5 | 1322.6 | 1322.6 | 1305.8 | 1293.6 | 1301.2 | 1315.0 | 1324.2 | 1337.9 | 1344.0 |
| 17.5°  | 1238.6 | 1227.9 | 1209.6 | 1198.9 | 1194.3 | 1189.8 | 1189.8 | 1195.9 | 1215.7 | 1214.2 | 1226.4 |
| 20°    | 1125.6 | 1119.5 | 1110.3 | 1096.6 | 1092.0 | 1089.0 | 1089.0 | 1089.0 | 1102.7 | 1114.9 | 1122.6 |
| 22.5°  | 1047.7 | 1043.1 | 1037.0 | 1018.7 | 1009.5 | 1006.5 | 1014.1 | 1018.7 | 1029.4 | 1038.6 | 1046.2 |
| 25°    | 969.8  | 959.1  | 948.4  | 942.3  | 937.8  | 937.8  | 940.8  | 942.3  | 946.9  | 951.5  | 960.7  |
| 27.5°  | 905.7  | 898.0  | 882.8  | 866.0  | 866.0  | 861.4  | 864.4  | 867.5  | 878.2  | 893.5  | 901.1  |
| 30°    | 833.9  | 832.4  | 826.3  | 820.2  | 814.0  | 811.0  | 817.1  | 821.7  | 823.2  | 830.8  | 830.8  |
| 32.5°  | 782.0  | 771.3  | 760.6  | 754.5  | 751.4  | 749.9  | 751.4  | 757.5  | 757.5  | 766.7  | 777.4  |
| 35°    | 730.0  | 723.9  | 713.2  | 702.5  | 699.5  | 691.9  | 698.0  | 704.1  | 714.8  | 719.3  | 723.9  |
| 37.5°  | 673.5  | 665.9  | 661.3  | 658.3  | 652.1  | 653.7  | 649.1  | 658.3  | 667.4  | 665.9  | 668.9  |
| 40°    | 630.8  | 617.0  | 603.3  | 601.7  | 600.2  | 598.7  | 598.7  | 600.2  | 606.3  | 612.4  | 621.6  |
| 42.5°  | 575.8  | 571.2  | 559.0  | 546.8  | 543.7  | 540.7  | 537.6  | 543.7  | 555.9  | 566.6  | 571.2  |
| 45°    | 519.3  | 513.2  | 510.1  | 500.9  | 494.8  | 493.3  | 490.3  | 497.9  | 508.6  | 513.2  | 516.2  |
| 47.5°  | 467.3  | 465.8  | 456.7  | 458.2  | 453.6  | 455.1  | 453.6  | 458.2  | 458.2  | 462.8  | 465.8  |
| 50°    | 432.2  | 427.6  | 423.1  | 420.0  | 415.4  | 415.4  | 413.9  | 415.4  | 421.5  | 427.6  | 426.1  |
| 52.5°  | 397.1  | 389.5  | 387.9  | 386.4  | 383.3  | 386.4  | 381.8  | 383.3  | 389.5  | 392.5  | 391.0  |
| 55°    | 355.9  | 354.3  | 351.3  | 348.2  | 346.7  | 345.2  | 345.2  | 345.2  | 351.3  | 355.9  | 357.4  |
| 57.5°  | 323.8  | 316.1  | 310.0  | 310.0  | 303.9  | 302.4  | 305.5  | 307.0  | 311.6  | 314.6  | 317.7  |
| 60°    | 279.5  | 276.4  | 267.3  | 262.7  | 253.5  | 252.0  | 252.0  | 258.1  | 265.7  | 276.4  | 279.5  |
| 62.5°  | 232.1  | 227.6  | 226.0  | 226.0  | 226.0  | 226.0  | 226.0  | 226.0  | 226.0  | 227.6  | 227.6  |
| 65°    | 206.2  | 207.7  | 206.2  | 204.7  | 206.2  | 206.2  | 204.7  | 204.7  | 204.7  | 206.2  | 207.7  |
| 67.5°  | 184.8  | 183.3  | 184.8  | 183.3  | 181.7  | 181.7  | 180.2  | 181.7  | 183.3  | 184.8  | 184.8  |
| 70°    | 160.4  | 160.4  | 158.8  | 160.4  | 158.8  | 157.3  | 155.8  | 155.8  | 158.8  | 160.4  | 160.4  |
| 72.5°  | 137.5  | 137.5  | 135.9  | 135.9  | 132.9  | 132.9  | 134.4  | 132.9  | 132.9  | 137.5  | 137.5  |
| 75°    | 114.5  | 113.0  | 111.5  | 111.5  | 110.0  | 110.0  | 110.0  | 108.4  | 111.5  | 111.5  | 113.0  |
| 77.5°  | 90.1   | 90.1   | 90.1   | 88.6   | 88.6   | 87.1   | 87.1   | 88.6   | 88.6   | 88.6   | 90.1   |
| 80°    | 68.7   | 68.7   | 68.7   | 67.2   | 65.7   | 65.7   | 65.7   | 65.7   | 65.7   | 67.2   | 65.7   |
| 82.5°  | 47.3   | 47.3   | 47.3   | 47.3   | 47.3   | 45.8   | 45.8   | 45.8   | 47.3   | 47.3   | 45.8   |
| 85°    | 29.0   | 27.5   | 29.0   | 29.0   | 27.5   | 29.0   | 27.5   | 27.5   | 26.0   | 26.0   | 27.5   |
| 87.5°  | 12.2   | 10.7   | 9.2    | 9.2    | 10.7   | 9.2    | 9.2    | 9.2    | 10.7   | 9.2    | 9.2    |
| 90°    | 11.5   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.7   | 11.5   |
| 92.5°  | 25.1   | 23.7   | 23.3   | 21.9   | 22.3   | 21.6   | 22.3   | 21.9   | 23.3   | 23.7   | 25.1   |
| 95°    | 52.3   | 48.4   | 43.8   | 41.0   | 39.9   | 40.3   | 39.9   | 41.0   | 43.8   | 48.4   | 52.3   |
| 97.5°  | 105.0  | 94.4   | 80.6   | 73.5   | 69.6   | 67.5   | 69.6   | 73.5   | 80.6   | 94.4   | 105.0  |
| 100°   | 209.0  | 187.7  | 158.3  | 143.1  | 132.9  | 126.5  | 132.9  | 143.1  | 158.3  | 187.7  | 209.0  |
| 102.5° | 353.4  | 330.4  | 297.9  | 269.3  | 255.9  | 246.7  | 255.9  | 269.3  | 297.9  | 330.4  | 353.4  |
| 105°   | 468.1  | 462.3  | 440.4  | 418.4  | 403.2  | 398.3  | 403.2  | 418.4  | 440.4  | 462.3  | 468.1  |
| 107.5° | 509.6  | 516.7  | 516.3  | 513.2  | 508.6  | 500.4  | 508.6  | 513.2  | 516.3  | 516.7  | 509.6  |
| 110°   | 502.9  | 517.4  | 532.6  | 539.3  | 542.5  | 542.1  | 542.5  | 539.3  | 532.6  | 517.4  | 502.9  |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 480.2  | 497.3 | 519.9 | 532.2 | 539.0 | 541.4 | 539.0 | 532.2 | 519.9 | 497.3 | 480.2  |
| 115°   | 452.2  | 470.4 | 495.5 | 511.7 | 520.9 | 524.1 | 520.9 | 511.7 | 495.5 | 470.4 | 452.2  |
| 117.5° | 425.5  | 442.8 | 468.6 | 485.9 | 495.5 | 498.0 | 495.5 | 485.9 | 468.6 | 442.8 | 425.5  |
| 120°   | 401.6  | 417.7 | 442.5 | 459.1 | 469.3 | 472.9 | 469.3 | 459.1 | 442.5 | 417.7 | 401.6  |
| 122.5° | 383.1  | 397.2 | 418.8 | 435.1 | 443.9 | 446.7 | 443.9 | 435.1 | 418.8 | 397.2 | 383.1  |
| 125°   | 366.4  | 379.6 | 400.1 | 413.5 | 422.3 | 425.2 | 422.3 | 413.5 | 400.1 | 379.6 | 366.4  |
| 127.5° | 352.0  | 364.4 | 382.4 | 395.1 | 402.9 | 405.0 | 402.9 | 395.1 | 382.4 | 364.4 | 352.0  |
| 130°   | 337.5  | 349.2 | 366.5 | 378.5 | 385.6 | 388.4 | 385.6 | 378.5 | 366.5 | 349.2 | 337.5  |
| 132.5° | 322.5  | 333.3 | 350.2 | 362.3 | 368.6 | 371.1 | 368.6 | 362.3 | 350.2 | 333.3 | 322.5  |
| 135°   | 307.8  | 317.7 | 332.9 | 344.6 | 350.9 | 352.4 | 350.9 | 344.6 | 332.9 | 317.7 | 307.8  |
| 137.5° | 293.0  | 301.8 | 316.3 | 326.6 | 332.2 | 334.3 | 332.2 | 326.6 | 316.3 | 301.8 | 293.0  |
| 140°   | 279.9  | 287.7 | 299.0 | 308.2 | 313.5 | 315.6 | 313.5 | 308.2 | 299.0 | 287.7 | 279.9  |
| 142.5° | 267.4  | 273.5 | 284.1 | 292.3 | 296.9 | 296.9 | 296.9 | 292.3 | 284.1 | 273.5 | 267.4  |
| 145°   | 257.1  | 262.2 | 270.7 | 276.7 | 280.3 | 281.3 | 280.3 | 276.7 | 270.7 | 262.2 | 257.1  |
| 147.5° | 248.1  | 252.0 | 259.4 | 264.4 | 266.8 | 267.5 | 266.8 | 264.4 | 259.4 | 252.0 | 248.1  |
| 150°   | 240.3  | 243.5 | 248.8 | 253.0 | 255.2 | 255.5 | 255.2 | 253.0 | 248.8 | 243.5 | 240.3  |
| 152.5° | 233.8  | 236.4 | 240.3 | 243.9 | 245.3 | 245.3 | 245.3 | 243.9 | 240.3 | 236.4 | 233.8  |
| 155°   | 227.4  | 229.4 | 233.3 | 235.7 | 237.1 | 236.4 | 237.1 | 235.7 | 233.3 | 229.4 | 227.4  |
| 157.5° | 221.4  | 223.0 | 225.8 | 228.0 | 228.7 | 228.7 | 228.7 | 228.0 | 225.8 | 223.0 | 221.4  |
| 160°   | 215.4  | 216.6 | 219.1 | 220.9 | 221.2 | 221.2 | 221.2 | 220.9 | 219.1 | 216.6 | 215.4  |
| 162.5° | 209.8  | 210.6 | 213.1 | 214.2 | 214.5 | 214.2 | 214.5 | 214.2 | 213.1 | 210.6 | 209.8  |
| 165°   | 204.3  | 205.0 | 206.4 | 207.8 | 207.8 | 207.5 | 207.8 | 207.8 | 206.4 | 205.0 | 204.3  |
| 167.5° | 199.3  | 200.0 | 200.7 | 201.4 | 201.4 | 201.1 | 201.4 | 201.4 | 200.7 | 200.0 | 199.3  |
| 170°   | 194.8  | 195.1 | 195.4 | 196.5 | 196.1 | 195.4 | 196.1 | 196.5 | 195.4 | 195.1 | 194.8  |
| 172.5° | 190.6  | 190.8 | 191.2 | 191.6 | 191.2 | 190.8 | 191.2 | 191.6 | 191.2 | 190.8 | 190.6  |
| 175°   | 187.5  | 187.7 | 187.7 | 188.0 | 187.7 | 187.0 | 187.7 | 188.0 | 187.7 | 187.7 | 187.5  |
| 177.5° | 185.2  | 185.2 | 185.2 | 185.2 | 184.8 | 184.1 | 184.8 | 185.2 | 185.2 | 185.2 | 185.2  |
| 180°   | 183.8  | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8  |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°   | 2093.9 | 2101.5 | 2098.5 | 2081.7 | 2098.5 | 2103.1 | 2112.2 | 2121.4 | 2127.5 | 2136.7 | 2144.3 |
| 5°     | 1962.6 | 1977.8 | 1987.0 | 1977.8 | 2008.4 | 2013.0 | 2034.3 | 2046.6 | 2064.9 | 2080.2 | 2092.4 |
| 7.5°   | 1838.8 | 1851.1 | 1869.4 | 1872.4 | 1890.8 | 1912.2 | 1942.7 | 1973.2 | 2002.3 | 2017.5 | 2031.3 |
| 10°    | 1706.0 | 1727.4 | 1754.8 | 1748.7 | 1776.2 | 1809.8 | 1841.9 | 1890.8 | 1915.2 | 1942.7 | 1967.1 |
| 12.5°  | 1573.1 | 1586.8 | 1623.5 | 1635.7 | 1675.4 | 1701.4 | 1745.7 | 1776.2 | 1837.3 | 1869.4 | 1890.8 |
| 15°    | 1341.0 | 1397.5 | 1443.3 | 1498.3 | 1550.2 | 1599.1 | 1638.8 | 1693.8 | 1747.2 | 1771.6 | 1806.8 |
| 17.5°  | 1235.6 | 1261.5 | 1289.0 | 1316.5 | 1383.7 | 1470.8 | 1541.0 | 1600.6 | 1646.4 | 1678.5 | 1719.7 |
| 20°    | 1125.6 | 1151.6 | 1182.1 | 1208.1 | 1249.3 | 1311.9 | 1399.0 | 1501.3 | 1556.3 | 1589.9 | 1629.6 |
| 22.5°  | 1047.7 | 1072.2 | 1092.0 | 1114.9 | 1147.0 | 1192.8 | 1258.5 | 1385.2 | 1458.6 | 1499.8 | 1534.9 |
| 25°    | 963.7  | 994.3  | 1015.6 | 1032.4 | 1058.4 | 1108.8 | 1162.3 | 1234.0 | 1365.4 | 1397.5 | 1446.3 |
| 27.5°  | 905.7  | 914.8  | 939.3  | 965.2  | 991.2  | 1018.7 | 1073.7 | 1134.8 | 1223.4 | 1293.6 | 1353.2 |
| 30°    | 837.0  | 859.9  | 882.8  | 893.5  | 916.4  | 956.1  | 989.7  | 1055.4 | 1124.1 | 1179.1 | 1250.8 |
| 32.5°  | 785.0  | 798.8  | 814.0  | 840.0  | 861.4  | 888.9  | 922.5  | 977.5  | 1035.5 | 1070.6 | 1125.6 |
| 35°    | 727.0  | 736.1  | 768.2  | 778.9  | 800.3  | 827.8  | 861.4  | 904.2  | 966.8  | 994.3  | 1034.0 |
| 37.5°  | 672.0  | 693.4  | 702.5  | 727.0  | 746.8  | 774.3  | 798.8  | 847.6  | 888.9  | 921.0  | 957.6  |
| 40°    | 629.2  | 638.4  | 655.2  | 676.6  | 693.4  | 714.8  | 745.3  | 780.4  | 824.7  | 850.7  | 882.8  |
| 42.5°  | 577.3  | 584.9  | 606.3  | 618.5  | 646.0  | 665.9  | 684.2  | 727.0  | 766.7  | 786.6  | 818.6  |
| 45°    | 520.8  | 539.1  | 552.9  | 577.3  | 592.6  | 617.0  | 639.9  | 670.5  | 707.1  | 730.0  | 748.4  |
| 47.5°  | 471.9  | 490.3  | 504.0  | 526.9  | 551.3  | 562.0  | 586.5  | 618.5  | 652.1  | 670.5  | 696.4  |
| 50°    | 432.2  | 438.3  | 464.3  | 475.0  | 500.9  | 522.3  | 539.1  | 566.6  | 603.3  | 614.0  | 635.3  |
| 52.5°  | 394.0  | 398.6  | 415.4  | 429.2  | 452.1  | 470.4  | 491.8  | 517.7  | 548.3  | 565.1  | 581.9  |
| 55°    | 360.4  | 363.5  | 371.1  | 386.4  | 401.7  | 424.6  | 444.4  | 468.9  | 494.8  | 513.2  | 528.4  |
| 57.5°  | 322.3  | 328.4  | 334.5  | 343.6  | 358.9  | 380.3  | 401.7  | 424.6  | 446.0  | 458.2  | 478.0  |
| 60°    | 278.0  | 287.1  | 297.8  | 308.5  | 319.2  | 334.5  | 358.9  | 380.3  | 400.1  | 410.8  | 426.1  |
| 62.5°  | 230.6  | 248.9  | 258.1  | 270.3  | 279.5  | 293.2  | 311.6  | 336.0  | 349.7  | 363.5  | 375.7  |
| 65°    | 207.7  | 209.2  | 210.8  | 223.0  | 239.8  | 253.5  | 270.3  | 288.7  | 310.0  | 319.2  | 328.4  |
| 67.5°  | 184.8  | 186.3  | 189.4  | 190.9  | 197.0  | 212.3  | 230.6  | 250.5  | 267.3  | 273.4  | 282.5  |
| 70°    | 161.9  | 161.9  | 168.0  | 169.5  | 171.1  | 172.6  | 187.9  | 207.7  | 223.0  | 230.6  | 241.3  |
| 72.5°  | 137.5  | 139.0  | 142.0  | 143.6  | 146.6  | 149.7  | 154.3  | 164.9  | 183.3  | 190.9  | 203.1  |
| 75°    | 113.0  | 114.5  | 116.1  | 117.6  | 122.2  | 123.7  | 128.3  | 134.4  | 142.0  | 151.2  | 158.8  |
| 77.5°  | 90.1   | 90.1   | 91.6   | 94.7   | 97.7   | 99.3   | 103.9  | 106.9  | 110.0  | 114.5  | 120.7  |
| 80°    | 67.2   | 68.7   | 68.7   | 71.8   | 71.8   | 73.3   | 74.8   | 79.4   | 82.5   | 85.5   | 88.6   |
| 82.5°  | 45.8   | 48.9   | 48.9   | 48.9   | 50.4   | 51.9   | 53.5   | 53.5   | 56.5   | 58.0   | 62.6   |
| 85°    | 27.5   | 29.0   | 29.0   | 29.0   | 27.5   | 30.5   | 30.5   | 32.1   | 32.1   | 32.1   | 33.6   |
| 87.5°  | 10.7   | 9.2    | 10.7   | 10.7   | 10.7   | 12.2   | 10.7   | 10.7   | 12.2   | 13.7   | 13.7   |
| 90°    | 11.3   | 10.6   | 11.3   | 11.7   | 12.0   | 11.7   | 9.5    | 7.1    | 5.3    | 4.8    | 4.2    |
| 92.5°  | 26.5   | 30.4   | 35.7   | 45.6   | 54.4   | 53.7   | 41.7   | 28.3   | 18.7   | 16.8   | 14.8   |
| 95°    | 56.2   | 71.0   | 92.6   | 121.2  | 138.5  | 122.6  | 81.6   | 50.9   | 34.6   | 30.4   | 26.2   |
| 97.5°  | 115.6  | 151.3  | 189.4  | 227.6  | 225.8  | 174.6  | 108.5  | 65.7   | 44.9   | 40.1   | 35.3   |
| 100°   | 230.4  | 278.8  | 322.7  | 330.1  | 279.2  | 192.3  | 115.9  | 72.8   | 54.1   | 49.2   | 44.2   |
| 102.5° | 376.4  | 408.5  | 410.0  | 368.3  | 281.0  | 185.5  | 116.3  | 79.2   | 62.2   | 57.2   | 52.3   |
| 105°   | 473.9  | 469.3  | 429.4  | 355.9  | 261.9  | 176.4  | 118.0  | 86.6   | 70.0   | 65.0   | 60.1   |
| 107.5° | 502.6  | 467.9  | 408.5  | 329.7  | 244.2  | 171.4  | 121.9  | 94.0   | 77.8   | 72.8   | 67.9   |
| 110°   | 488.4  | 443.2  | 379.9  | 305.4  | 232.2  | 170.0  | 126.9  | 101.4  | 85.9   | 80.8   | 75.6   |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 463.0 | 413.8 | 353.8 | 288.4 | 224.4 | 170.3 | 132.2 | 108.5 | 93.7  | 88.4   | 83.1  |
| 115°   | 434.0 | 387.7 | 333.3 | 275.0 | 219.1 | 171.8 | 137.5 | 115.9 | 100.7 | 96.0   | 91.2  |
| 117.5° | 408.2 | 365.1 | 316.3 | 265.8 | 216.3 | 173.9 | 143.1 | 122.6 | 108.5 | 103.6  | 98.6  |
| 120°   | 385.6 | 348.1 | 304.3 | 258.7 | 213.8 | 176.0 | 148.8 | 129.7 | 115.9 | 111.0  | 106.0 |
| 122.5° | 369.0 | 334.0 | 294.7 | 252.7 | 212.4 | 178.5 | 153.7 | 136.4 | 123.7 | 118.6  | 113.4 |
| 125°   | 353.1 | 322.0 | 285.6 | 247.0 | 210.6 | 180.9 | 159.0 | 143.1 | 130.4 | 125.4  | 120.5 |
| 127.5° | 339.6 | 309.9 | 276.4 | 241.7 | 209.6 | 183.4 | 164.0 | 149.5 | 137.1 | 132.0  | 126.9 |
| 130°   | 325.8 | 297.9 | 267.5 | 236.4 | 208.9 | 186.2 | 168.6 | 155.1 | 142.8 | 137.9  | 132.9 |
| 132.5° | 311.7 | 286.6 | 259.1 | 232.2 | 208.5 | 189.1 | 173.2 | 160.1 | 148.4 | 143.4  | 138.5 |
| 135°   | 297.9 | 274.6 | 251.3 | 228.3 | 208.2 | 191.2 | 177.1 | 164.7 | 153.4 | 148.4  | 143.5 |
| 137.5° | 284.1 | 265.1 | 244.9 | 225.5 | 208.2 | 193.3 | 180.2 | 168.6 | 157.3 | 152.7  | 148.1 |
| 140°   | 272.1 | 255.9 | 238.9 | 223.0 | 207.8 | 194.7 | 182.7 | 171.8 | 161.2 | 156.6  | 152.0 |
| 142.5° | 261.2 | 247.7 | 234.0 | 220.5 | 207.8 | 195.8 | 184.8 | 174.2 | 164.0 | 159.8  | 155.5 |
| 145°   | 252.0 | 241.0 | 229.4 | 218.4 | 207.1 | 196.5 | 186.6 | 176.7 | 167.2 | 163.3  | 159.4 |
| 147.5° | 244.2 | 235.4 | 225.8 | 216.3 | 206.0 | 196.9 | 187.7 | 178.8 | 169.6 | 166.1  | 162.6 |
| 150°   | 237.1 | 229.7 | 221.9 | 213.5 | 205.0 | 196.5 | 188.4 | 180.2 | 172.1 | 169.0  | 165.8 |
| 152.5° | 231.1 | 225.1 | 218.1 | 211.0 | 203.2 | 195.8 | 188.7 | 181.7 | 174.6 | 171.8  | 168.9 |
| 155°   | 225.5 | 220.2 | 214.5 | 207.8 | 201.1 | 195.1 | 189.1 | 183.1 | 177.1 | 174.4  | 171.8 |
| 157.5° | 219.8 | 215.2 | 210.3 | 205.0 | 199.0 | 193.7 | 189.1 | 184.1 | 178.8 | 176.5  | 174.2 |
| 160°   | 214.2 | 210.3 | 206.4 | 201.8 | 196.9 | 192.6 | 189.1 | 184.8 | 180.6 | 178.6  | 176.7 |
| 162.5° | 208.9 | 205.7 | 202.5 | 199.0 | 195.1 | 191.6 | 188.7 | 185.2 | 181.7 | 180.2  | 178.8 |
| 165°   | 203.6 | 201.1 | 198.6 | 195.8 | 192.6 | 190.1 | 188.0 | 185.5 | 182.4 | 181.3  | 180.2 |
| 167.5° | 198.6 | 196.9 | 194.7 | 192.6 | 190.5 | 188.7 | 187.7 | 185.5 | 183.1 | 182.4  | 181.7 |
| 170°   | 194.4 | 193.0 | 191.9 | 190.1 | 188.7 | 187.7 | 187.0 | 185.2 | 183.4 | 182.9  | 182.4 |
| 172.5° | 190.5 | 189.4 | 188.7 | 187.7 | 186.6 | 186.2 | 185.9 | 184.8 | 183.8 | 183.4  | 183.1 |
| 175°   | 187.3 | 187.0 | 186.6 | 185.5 | 185.2 | 184.8 | 185.2 | 184.5 | 183.8 | 183.6  | 183.4 |
| 177.5° | 185.2 | 184.8 | 184.8 | 184.1 | 183.8 | 184.1 | 184.8 | 184.1 | 183.8 | 183.8  | 183.8 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8 | 183.8  | 183.8 |

TEST NUMBER: P1009702

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°   | 2158.0 | 2153.5 | 2181.0 | 2211.5 |
| 5°     | 2113.8 | 2121.4 | 2156.5 | 2199.3 |
| 7.5°   | 2067.9 | 2084.7 | 2126.0 | 2182.5 |
| 10°    | 2003.8 | 2034.3 | 2097.0 | 2155.0 |
| 12.5°  | 1941.2 | 1982.4 | 2042.0 | 2110.7 |
| 15°    | 1870.9 | 1916.7 | 1990.0 | 2072.5 |
| 17.5°  | 1793.0 | 1845.0 | 1930.5 | 2020.6 |
| 20°    | 1710.6 | 1779.3 | 1869.4 | 1967.1 |
| 22.5°  | 1618.9 | 1701.4 | 1794.6 | 1903.0 |
| 25°    | 1530.3 | 1620.4 | 1713.6 | 1838.8 |
| 27.5°  | 1443.3 | 1531.9 | 1635.7 | 1762.5 |
| 30°    | 1356.2 | 1437.2 | 1548.7 | 1684.6 |
| 32.5°  | 1263.1 | 1347.1 | 1464.7 | 1603.6 |
| 35°    | 1177.5 | 1261.5 | 1371.5 | 1509.0 |
| 37.5°  | 1085.9 | 1176.0 | 1281.4 | 1423.4 |
| 40°    | 979.0  | 1084.4 | 1186.7 | 1322.6 |
| 42.5°  | 890.4  | 1001.9 | 1101.2 | 1229.5 |
| 45°    | 820.2  | 925.5  | 1008.0 | 1133.2 |
| 47.5°  | 754.5  | 840.0  | 924.0  | 1040.1 |
| 50°    | 691.9  | 757.5  | 844.6  | 948.4  |
| 52.5°  | 627.7  | 684.2  | 759.1  | 856.8  |
| 55°    | 569.7  | 623.1  | 690.3  | 765.2  |
| 57.5°  | 516.2  | 554.4  | 621.6  | 688.8  |
| 60°    | 456.7  | 496.4  | 548.3  | 604.8  |
| 62.5°  | 406.3  | 436.8  | 485.7  | 533.0  |
| 65°    | 352.8  | 381.8  | 418.5  | 462.8  |
| 67.5°  | 303.9  | 329.9  | 358.9  | 394.0  |
| 70°    | 259.6  | 279.5  | 300.9  | 331.4  |
| 72.5°  | 212.3  | 233.7  | 253.5  | 278.0  |
| 75°    | 174.1  | 183.3  | 200.1  | 216.9  |
| 77.5°  | 134.4  | 146.6  | 155.8  | 169.5  |
| 80°    | 96.2   | 106.9  | 110.0  | 120.7  |
| 82.5°  | 64.1   | 70.3   | 76.4   | 79.4   |
| 85°    | 36.7   | 39.7   | 45.8   | 47.3   |
| 87.5°  | 13.7   | 15.3   | 18.3   | 21.4   |
| 90°    | 3.5    | 2.8    | 1.4    | 0.4    |
| 92.5°  | 12.0   | 10.2   | 7.4    | 5.3    |
| 95°    | 20.5   | 17.3   | 13.8   | 12.4   |
| 97.5°  | 29.0   | 24.4   | 20.5   | 18.4   |
| 100°   | 37.1   | 31.5   | 28.3   | 27.2   |
| 102.5° | 44.9   | 39.2   | 36.0   | 35.3   |
| 105°   | 52.3   | 47.0   | 44.5   | 43.1   |
| 107.5° | 60.1   | 55.1   | 52.7   | 51.6   |
| 110°   | 68.2   | 63.6   | 61.5   | 60.1   |

TEST NUMBER: P1009702

CATALOG NUMBER: S122RDIP-B1005D330UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 76.0  | 71.7  | 69.3  | 67.9  |
| 115°   | 84.1  | 79.9  | 77.8  | 76.0  |
| 117.5° | 91.9  | 88.0  | 85.9  | 84.5  |
| 120°   | 99.0  | 95.8  | 93.7  | 92.2  |
| 122.5° | 106.4 | 102.8 | 100.7 | 99.7  |
| 125°   | 113.4 | 109.2 | 107.1 | 106.0 |
| 127.5° | 120.2 | 115.6 | 112.7 | 111.3 |
| 130°   | 125.8 | 120.9 | 117.3 | 115.9 |
| 132.5° | 131.1 | 125.8 | 121.9 | 120.2 |
| 135°   | 135.4 | 130.1 | 125.8 | 124.4 |
| 137.5° | 140.0 | 134.3 | 130.1 | 128.3 |
| 140°   | 144.2 | 138.5 | 134.3 | 132.9 |
| 142.5° | 148.1 | 142.4 | 138.5 | 137.5 |
| 145°   | 152.3 | 147.0 | 143.5 | 142.1 |
| 147.5° | 156.6 | 151.6 | 148.1 | 147.0 |
| 150°   | 160.5 | 155.9 | 153.0 | 152.0 |
| 152.5° | 164.0 | 160.1 | 157.3 | 156.9 |
| 155°   | 167.9 | 164.0 | 161.9 | 161.5 |
| 157.5° | 171.1 | 167.5 | 165.8 | 165.4 |
| 160°   | 173.9 | 171.1 | 169.6 | 169.3 |
| 162.5° | 176.4 | 174.2 | 172.8 | 173.2 |
| 165°   | 178.5 | 176.4 | 175.6 | 176.0 |
| 167.5° | 180.2 | 178.8 | 178.1 | 178.5 |
| 170°   | 181.7 | 180.6 | 180.2 | 180.9 |
| 172.5° | 182.7 | 181.7 | 182.0 | 182.4 |
| 175°   | 183.4 | 182.7 | 183.1 | 183.4 |
| 177.5° | 183.8 | 183.1 | 183.4 | 184.1 |
| 180°   | 183.8 | 183.8 | 183.8 | 183.8 |

(END OF REPORT)